AUTOMATIC PLATING & POLISHING
NICKEL, CHROME PLATING TO
AUTOMOTIVE SPECIFICATIONS

FOSS PLATING COMPANY INC.

(562) 945-3451 FAX (562) 698-2326 8140 SECURA WAY — SANTA FE SPRINGS, CALIFORNIA 90670

July 24, 2002

Attn: Mr. Stephen W. Lavinger, Branch Chief
Department of Toxic Substances Control
Hazardous Waste Management Program
State Regulatory Programs Division
5796 Corporate Avenue
Cypress, California 90630

Dear Mr. Lavinger,

Attached is our Further Investigation Questionnaire in connection with our Phase 1 Environmental Assessment, along with supplementary information as requested. In reviewing our Phase 1 Assessment, much of our earlier investigation revealed areas that needed repair. These repairs were done at that time. As a result of the Phase 1 Environmental Assessment we did some limited ground testing where our staff collected the samples, and submitted the results. Copies of the results are attached as part of the Questionnaire.

During this year's CUPA inspection in March, 2002, we began discussion of all our clarifier tanks. We had further discussion in June when our company submitted an updated Hazardous Materials Business Plan. At that time, Richard Kallman, Environmental Protection Specialist, Santa Fe Springs Fire Department, stated clearly that he wanted to closely monitor all testing, evaluation and other activity concerning these tanks. We initiated further contact in July. Richard Kallman will be getting back to us with more detail shortly. Our tentative schedule is:

1. Complete the Further Investigation Questionnaire, and investigate requirements with Richard Kallman, Santa Fe Springs Fire Department, Health Haz Mat Division, starting in mid July, 2002.
2. Seek bids for professional ground testing throughout the clarifier and the filter press area, located in the outside wastewater treatment area. Tentatively this will be at four locations per site and at periodic depths of 1 foot, 3 feet, 5 feet and 7 feet below the soil surface level. At this point we propose to analyze samples for pH, nickel, hex chrome, total chrome and VOCs using approved EPA methods and a California certified lab.
3. If possible, schedule professional ground testing as early as late August or September.
4. Evaluate the testing results and make plans accordingly. We hope to be able to "abandon-in place" our old 3-stage clarifier, and seeks alternatives for the other clarifier tanks. s. We plan to clear all plans and projects with the Santa Fe Springs Fire Department, Health Haz Mat Division.

This questionnaire was completed under my direction and is true, accurate, and complete to the best of our knowledge and ability. If you have any further questions regarding the enclosed information, please do not hesitate to contact us at the above address or phone.

With best regards,

Victor E. Foss
President

Department of Toxic Substances Control

State Regulatory Programs Division (Southern California Region)
5796 Corporate Avenue • Cypress, California 90630
(714) 484-5300 (tel) • (714) 484-5392 (fax)

FURTHER INVESTIGATION QUESTIONNAIRE
(FI QUESTIONNAIRE)

Written responses to this questionnaire must be completed prior to a site visit by DTSC. For those questions that are non-applicable, please respond "N/A". For those questions that you do not have a "Yes" or "No" answer, please explain why. If additional pages for response are necessary, please attach them hereto and reference the appropriate question number. This document and your written response will be an attachment to the Phase I Environmental Assessment Inspection Report.

Site/Facility Name: FOSS PLATING COMPANY, INC

Address: 8140 SECURA WAY EPA ID: CAD008278236

City/State: SANTA FE SPRINGS CA Date: 7/22/02

Key Site Contact: VICTOR E. FOSS, PRESIDENT
Telephone: (562) 945-3451
Fax: (562) 698-2326

PLEASE DO NOT WRITE IN THE BOXED AREA BELOW – FOR DTSC USE ONLY

Project Manager:
Site Code:

Site/Facility Name: FOSS PLATING COMPAN

PART I

A. GENERAL

PREPARER

1. Name, title and telephone number of person completing this questionnaire. The Preparer should have thorough know ledge of daily operations and history of the site/facility with regards to environmental practices, such as the owner/operator, plant manager, environmental manager, environmental health and safety officer, environmental consultant, etc.:

VICTOR E. FOSS/ CAROL FOSS McCRACKEN — Name

(562) 945-3451 — Telephone Number

PRESIDENT/ ENVIRONMENTAL MANAGER — Title

Victor E Foss — Signature

2. What is the preparer's job duty?

PRESIDENT/ ENVIRONMENTAL-SAFETY MANAGER

See attached "Roles and Responsibilities" for further detail

3. How long has the preparer been with the site or facility? If less than five (5) years, who held the position previously and provide contact number and address?

1971/ 1980

B. PROPERTY DESCRIPTION & ANALYSIS

1. **Land**

a. Size of Parcel? app 1 Acres

b. Shape of Parcel? ☐ Rectangular ■ Irregular ☐ Circular ☐ Square ☐ Triangular ☐ Irregular

See Site Map

c. Are there any buildings or other improvements on the site prior to the existing improvements? Yes ☐ No ■

What are they?

Are any portions of the improvements remaining? Yes ☐ No ☐ N/A

If yes, please describe.

d. Are you in possession of any title report, survey, historical photo or map for the site? Yes ■ No ☐

If yes, please provide a copy of same and list below.

See attached "Historical Information"

e. Does any person or company, other than the owner, occupy the entire site or a portion of the site? Yes ☐ No ■

If yes, please provide a detailed list (to include but not limited to name, address, and type of operation).

f. Is there any open surface water or wetland area on, adjacent, or within one mile of the site or any indication that there is a high water table? Yes ☐ No ■

If yes, where?

B. PROPERTY DESCRIPTION & ANALYSIS continued

g. Is the site next to a storm drainage ditch or concrete lined storm water ditch? Yes ☐ No ■

If yes, where?

h. Is there a well on the site? Yes ☐ No ■
(If more than one well is known to exist on the site, please answer the "If yes" questions in section g for each individual well on a separate sheet of paper. In addition, if boring logs are available, please attach them to the questionnaire.)

If yes,

1. What is the depth of the well?

2. What type of well is it:

Drinking Water	☐	
Irrigation	☐	
Monitoring	☐	
Dry Well	☐	
Others	☐	Please Specify: N/A

3. Is this well the primary source of drinking water? Yes ☐ No ☐

N/A

B. PROPERTY DESCRIPTION & ANALYSIS continued

4. Is there a contaminant in the well that is in excess of any applicable governmental guidelines or thresholds (i.e. Maximum Contaminant Levels)? Yes ☐ No ☐
N/A

If so, please explain the contaminant(s) with respect to the governmental guidelines.

i. Is or has the site or any adjoining property been used for industrial purposes (i.e. plating), or as a gasoline station, auto repair shop, junkyard, dry cleaner, or landfill? Yes ■ No ☐

If yes, please explain.
Electroplating - this site
Metal Polishing - this site, and various neighboring sites
Other light industrial, such as machines shops

j. Has fill of unknown origin or from a contaminated site been brought onto the site? Yes ☐ No ■

k. Is there currently or has there previously been waste storage treatment or disposal units, areas, pits, ponds, or lagoons on or adjacent to the site? Yes ■ No ☐

If yes, please explain and list.
Waste water treatment
Storage of F006 waste for up to 90 days
More detail in attachments

2. Improvements (Buildings) - This includes all buildings

a. Describe the size (square footage) of the existing buildings. See attached "Foss Plating Co. Structures & Site History"

b. How old are the buildings?

8140 Secura Way, main building	1967
8200 Secura Way, polishing	mid 1960s
8141-8143 Secura, warehouse, chem storage	1960

B. PROPERTY DESCRIPTION & ANALYSIS (continued)

c. Has there been any additions/renovations? Yes ☐ No ■

If yes, when?

d. Who provides the following utilities?

Water: San Gabriel Valley Water

Sanitary Sewer: Sanitation Districts of Los Angeles County

Storm Drainage: The closest storm drain is at 11919 Rivera Road. Stormwater then drains to the North Fork of Coyote Creek by the Sorenson Channel
See Site Map. The dotted line - - - shows stormwater draining to Rivera Road

Natural Gas: Southern California Gas Company

Electricity: Southern California Edison

Fuel: Merit Propane, Union Oil, Chevron USA

d. Does the site contain an oil or gas-fired boiler or furnace? Yes ■ No ☐

If so, what is the fuel type?
Natural Gas

f. Is there a floor drain on the site? Yes ■ No ☐

If so, where does it discharge to? Wastewater treatment and/or the Sanitary Sewer

B. PROPERTY DESCRIPTION & ANALYSIS - continued

3. **Previous Studies**

Do you have any knowledge of any previously prepared environmental assessment report or testing conducted on the site, whether it is for the owner or others? Yes ■ No □

If so, who prepared such report(s), when were they prepared, and who conducted testing, if any?

Preliminary ground testing. Samples collected by Foss Plating and analyzed by Western Analytical Lab. Copies of the lab reports are attached.

4. **Map**

Please provide a scaled detailed map of the site.

See attached site map

C. REGULATORY

1. Is or has the site been subject to any enforcement action brought by a local, state or federal agency regarding environmental violations? Yes ■ No ☐

   If so, please explain. Occasional Notice to Comply and/or N.O.V.s. All requirements for compliance have been met. See copies fo the three most recent inspections with Notices to Comply and/or N.O.V.s, along with records fo compliance. Older inspections with records of compliance are on file. See attached for: Stormwater 12/11/01, CUPA 3/13/02 and SCAQMD 5/21/02

2. Has there been any formal or informal citizen complaints such as complaints of respiratory distress regarding the site? Yes ☐ No ■

   If so, please explain.

3. Is or was the site listed in any of the following environmental databases? To our knowledge, only the TRI data base from annual reports.

a.	Federal National Priorities List (NPL)	Yes ☐ No ■
b.	Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)	Yes ☐ No ■
c.	Federal Resource Conservation and Recovery Act (RCRA) Treatment, Storage, and Disposal (TSD) Facilities List	Yes ☐ No ■
d.	Federal RCRA Generators List (RCRIS-SQG and RCRIS-LQG)	Yes ☐ No ■
e.	Corrective Action Tracking System (CORRACTS)	Yes ☐ No ■
f.	Federal Emergency Response Notification (ERNS) List	Yes ☐ No ■
g.	Cal-Sites	Yes ☐ No ■
h.	California State Landfills or Solid Waste Facilities (SWIS)	Yes ☐ No ■
i.	California Hazardous Material Incident Report (CHMIRS)	Yes ☐ No ■
j.	Underground Storage Tank (UST) and Facility Inventory Database Sites	Yes ☐ No ■
k.	Leaking Underground Storage Tanks (LUSTs)	Yes ☐ No ■
l.	Facility Index System (FINDS)	Yes ☐ No ■

C. REGULATORY (continued)

m.	Toxic Chemical Release Inventory System (TRIS)	Yes ■	No □
n.	Proposition 65 Notification (Notify 65)	Yes □	No ■
o.	Other(s) _____		

4. Is the site currently conducting an environmental investigation or environmental remediation activity under the oversight of any local, state, or federal agency? Yes ■ No □

   If yes, please list, identify the lead agency(ies), and describe activities.

   In the planning stage:

   Santa Fe Springs Fire Department, Health Haz Mat Division

   Further information is in our cover letter

5. Does the site have a NPDES (National Pollutant Discharge Elimination System) permit issued by the California Regional Water Quality Control Board? Yes □ No ■

   If yes, when was it issued?

6. Is any neighboring property engaged in the treatment, storage, transportation, transfer or disposal of hazardous waste, or chemicals? Yes ■ No □

   If yes, identify name of site and address.

   Pacific Coast Petroleum Products
   on Rivera Road.

   Foss Plating is about one mile below the Omega Chemical Superfund Site. Ground testing for this site was done on our block several months ago.

D. Wastewater Treatment Unit(s)

1. Does or did the site have wastewater treatment unit(s)? Yes ☒ No ☐

If so, please describe the unit(s) in detail and attach a diagram or drawing of the treatment process. In addition, please attach a scaled map of the site indicating the location(s) or past location(s) of the treatment unit(s)? Please indicate in detail the hazardous waste you are treating.

See attached site map, diagrams and other information on the wastewater treatment system. Also see the most current analysis wastewater discharged and F006 waste

Treatment:	Treatment creates:
Spent rinses from plating operations with nickel, chrome, acida & bases	F006 Waste See 2001 Analysis
Spent rinses from preprocessing operations with acids, bases, some nickel, chrome	F006 waste shipped to World Resources in Arizona for recycling
Spent acid/bases regenerate from DI system	Manifests are on file
Loose carbon from filters	
Spent acids and bases from plating operations	
Hexavalent chrome from rinses	
Fluids with nickel	

See analysis of incoming fluids for treatment

D. Wastewater Treatment Unit(s) - continued

2. Is the unit(s) permitted? Yes ■ No ☐

If so, what type of permit(s) do you have for the unit(s)?

		Quantity
a.	☐ Permit by Rule (PBR)	
b.	☐ Conditionally Authorized (CA)	2
c.	☐ Conditionally Exempt(CE)	

If a unit is no longer in use or has been closed, please indicate the former unit's permit type and status below.

3. What is the volume of wastewater treated per day and per year for each unit?

Less than 10,000 gal/day

6/00 to 6/01 1,050,000 gal

4. Is or was the wastewater treatment unit connected to the municipal sewer system with proper discharge permits from the sewage treatment agency (i.e. Sanitation Districts)? Yes ■ No ☐

If no, is or was the treated effluent, sludge, or other byproducts hauled offsite? Yes ☐ No ☐ N/A

If no, is or was the treatment unit a closed loop system (i.e. ion exchange system)? Yes ☐ No ☐ N/A

If no for all questions listed above (within question 4), please explain the final disposal methods for your wastewater treatment effluent, sludge, and other byproducts?

5. Is or was cyanide treated on-site? Yes ☐ No ■

If so, did or does your site/facility have authorization from DTSC to treat cyanide, such as a Cyanide Treatment Consent Order? Yes ☐ No ☐ N/A

D. Wastewater Treatment Unit(s) Identified

6. Has your site/facility ever been cited for violations and/or penalized by the local sanitation district/agency? Yes ■ No □

N.O.V.s

If so, please describe in detail and provide all information with respect to the violation and/or enforcement action.

See attached N.O.V.s. All have been cleared.

Results: Increased training, Wastewater Treatment Manual, increased inspections and on-site analysis of wastewater. We added a Wastewater Treatment Assistant on the swing shift.

7. Are or were clarifiers or sumps located on the site? Yes ■ No □

If so, please describe in detail where the clarifiers or sumps are or were located on the site, and please describe in detail the clarifiers or sumps history and use. In addition, please provide a scaled detailed map of the locations of the clarifiers or sumps.

See Site Map and other maps and diagrams. These are included in the attachments for Wastewater Treatment.

B. Plating Operations

1. Does or did your site include plating operations? Yes ■ No □

If so, please explain the different types of plating conducted at your site and provide a detailed description of your plating operations. In addition, please provide a scaled detailed map of the plating operations.

Plating operations:

Semi-bright nickel
Bright Nickel
Hexavalent chrome
Related cleaners, acids,rinses and strips

See Foss Plating Co. Plating Line and Strip LIne, Updated 5/02

B. Plating Operations continued

2. Is or was your plating operation conducted within secondary containment? Yes ■ No □

3. Are you or any other company employees aware of any unauthorized release to the ground surface or subsurface with respect to the plating operations? Yes □ No ■

If so, please explain in detail the unauthorized release. Please indicate the type of release (including chemical name), extent of the release, duration of release, and clean-up procedures that were used to address the release.

No releases. A Spill Log documenting many small spills with cleanup has been maintained since 1/24/98. See a copy attached

E. Plating Operations (continued)

4. How long has the plating operation been conducted at the current location?

   Since 1967

5. Has plating/metal finishing process ever been conducted anywhere else on the site besides the current location? Yes ☐ No ■

   If so, please describe the different types of plating that were conducted at this former location and provide a detailed description of the former plating operations. In addition, please provide a scaled detailed map of the former plating operations.

F. PCBs

1. Is there any on-site electrical transformer? Yes ☑ No ☐

2. Does any of these transformers contain PCBs? Unknown Yes ☐ No ☐

   Who owns these transformers and where are they located?

   Southern California Edison

   One is located in the wastewater treatment area, next to the boiler, and another is just adjacent to our parking lot, but not on our property.

3. Did any on-site transformer once contain PCBs, but was later replaced with coolant? Unknown Yes ☐ No ☐

4. Is there any hydraulic equipment on-site Yes ■ No !

   Filter Press

G. STORAGE TANKS

1. Is there any registered or unregistered (active or inactive) Underground Storage Tank(s) ("UST") or Aboveground Storage Tank(s) ("AST") located on the site? Yes ■ No ☐

   If so, please fill out the following: See attached, Wastewater treatment for details

Location	Size (Gallons)	AST or UST	Product or Haz. Waste Type	Age	Date Last Tested	Registered w/ Local Agency (Y/N)	Active or Inactive

Note: If more space is needed, please provide additional sheets with the same information as listed above.

2. Do you have any knowledge of any tanks and associated piping that once existed on the site, and whether such tanks were removed or abandoned? Yes ■ No ☐

   If so, by whom, when, and type of tank(s)?

   Abandoned 3-stage clarifier.
   Misc. piping in troughs
   Further information in included in the attached Wastewater Treatment

G. STORAGE TANKS (continued)

3. Has any of the existing in-use tank(s) been tested to determine whether any leakage has occurred? Yes ☐ No ■

If so, when?

Visually inspected daily/ weekly
Repaired when necessary

4. Is there any pipe or UST access way protruding from the ground, retaining walls or buildings? Yes ☐ No ■

H. HAZARDOUS MATERIALS

Note: The term Hazardous Materials includes hazardous waste, hazardous constituents, hazardous chemical, hazardous substances, and hazardous product.

1. Is any hazardous material stored on-site and/or used for any manufacturing process, automotive repair or for pest control (pesticides)? Yes ■ No ☐

If so, please provide the following information (please attach separate page if more space is required) or attach a copy of your Hazardous Material Inventory Plan for the site/facility.

See attached Hazardous Material Inventory Plan, including Minimum Quantity Policy

Hazardous Materials	Quantity	Location

2. Is there detectable sign of any of the following on the site?

☐	•	Underground Storage Tanks	☐	•	PCBs
☐	•	Stained Soil	☐	•	Oil/Gas Drums
☐	•	Vegetation Damage	■	•	Above Ground Tanks
☐	•	Oily Sheens on Water	☐	•	Asbestos
☐	•	Discarded Batteries	☐	•	Debris Pile
■	•	Clarifiers/Sumps	■	•	Other below ground process tanks

II. HAZARDOUS MATERIALS (continued)

3. Does or did any of the following operations take place on the site?

			Currently
• Dry Cleaning:	Yes ☐	No ■	☐
• Battery Storage Sales:	Yes ☐	No ■	☐
• Paint Storage Sales:	Yes ☐	No ■	☐
• Petroleum Storage/Sales:	Yes ■	No ☐	■
• Photo or X-Ray Finishing:	Yes ☐	No ■	☐
• Electronic Equipment Assembly or Manufacturing:	Yes ☐	No ■	☐
• Solvent Storage Sales: up to 1995	Yes ■	No ☐	☐
• Chemical Manufacturing/Sales:	Yes ☐	No ■	☐
• Automobile Storage, Repair, or Disposal:	Yes ☐	No ■	☐
• Agriculture: Pre 1960	Yes ■	No ☐	☐
• Medical or Dental Offices:	Yes ☐	No ■	☐
• Plating	Yes ■	No ☐	■

If yes, please describe:

Used oil - 0-20 gal
Solvents until 1995
Propane - less than 100 gal

4. Is, or has any adjoining sites been used for any of the operations listed in question 3? Yes ☐ No ■

Not to our knowledge

If yes, please list and explain all known activities:

II. HAZARDOUS MATERIALS continued

5. Is there any hazardous or medical waste or fluid generated or used on the site that is picked up or removed periodically by an outside service? Yes ■ No □

If so, provide name, address, & telephone number of the disposal service and the type of facility generating the waste.

F006 waste

World Industries
8113 W. SHerman Street
Tolleson, Az 85353-4025

Debrie

D/K Environmental
2650 E. 26th Street
Los Angeles, CA 90023

6. Please provide all available information from your records including, but not limited to, documentation in connection with any pending legal proceeding or litigation with respect to environmental liability, environmental permits and permit applications, underground and above ground tank registration and information (including removal and testing of such tanks), spill information, compliance information and programs.

See attached Environmental Policy, information on the Strategic Goals Program and our Environmental Management System. See also a copy of our Spill Log

Site/Facility Name: Foss Plating Company

PART II

A. RELEASE DETAILS

1. Are you aware of any release of hazardous materials at the site? Yes ☐ No ■

2. Identify all past or known releases below:

Occasional upsets in wastewater treatment
Copies of recent N.O.V.s, with records of correction are attached.
More are on file.

If more than one (1) release is known, please answer the remaining questions in this section for each identified release. (Attach responses for each known release.)

3. When did the release occur? (date/month/year) 8/28/01

Information on accidental releases to the POTW are all about the same.

4. What phase of the operation best describes the source of the release?
   - ☐ Receipt of raw materials
   - ☐ Chronic manufacture losses
   - ☐ Incident
   - ☐ Waste handling
   - ■ Treatment Units/Process
   - ☐ Other

Briefly describe:

Upset in wastewater treatment system

5. What was the form of the release (check all that are applicable)?
   - ☐ vapor/gas
   - ■ liquid
   - ☐ solid
   - ☐ sludge

6. What medium(s) of the environment was impacted (check all that are applicable)?
   - ☐ soil
   - ☐ air
   - ☐ surface water [☐ stormwater ☐ river stream ☐ ocean ☐ pond/lake]
   - ☐ groundwater
   - ● POTW only

Site/Facility Name: Foss Plating Comp

A. RELEASE DETAILS (continued)

7. Which of the following actions have occurred (check all that are applicable)?
   - ☐ No action to date
   - ☐ Emergency response
   - ☑ Evaluation by in-house personnel or contractors without agency oversight
   - ☒ Evaluation with agency oversight

   Please list agencies and contractors involved in action taken:

   Sanitation Districts of Los Angeles County

8. Was hazardous waste generated during the release or response action?
   - ☐ Yes
   - ■ No releases to POTW only

   If yes, what was the fate of the hazardous waste:
   - ☐ Manifested offsite
   - ☐ Treated How? _____
   - ☐ Disposed without manifest or treatment
   - ☐ Currently stored on site Where? _____
   - ☐ Currently stored off site Where? _____

9. Was any report or document produced in connection with the release?
   - ☐ Yes
   - ■ No

   If yes, please list (include title/subject, author, and date):

10. Has any change been implemented to prevent or mitigate similar future releases?
    - ■ Yes
    - ☐ No

    Briefly explain:

    Major causes of recent upsets:
    1. Difficulties treating Hex chrome, reintroduced to our facility in 1998
    2. To successfully switch from solvents to water-ba cleaners we have more organics in our system, pl we have had to addchelators

    Mitigation:
    Increased employee training
    Numerous staff meetings
    Wastewater Treatment Operations & Maintenance Manuel, 2-00, due for update
    Increased in-house monitoring of wastewater, 2-3 times daily
    The successful addition of a Wastewater Treatment Assistant for the swing s

Site/Facility Name: _____

A. RELEASED DETAILS - continued

11. Which of the following best describes the hazardous materials involved in this release?
    - ☐ Toxic, less than 100 ppm
    - ☐ Flammable
    - ☐ Reactive
    - ☐ Corrosive

12. Are the chemical(s)/compound(s) proprietary?
    - ☐ Yes
    - ■ No

13. Are Material Safety Data Sheets (MSDS) available?
    - ■ Yes
    - ☐ No

14. Is the described release impacted by other contamination sources?
    - ☐ Yes How? _____
    - ■ No

    If yes, are any of these impacts from offsite sources?
    - ☐ Yes
    - ■ No

HAZARDOUS MATERIALS MANAGEMENT: ROLES & RESPONSIBILITIES

update 6-2002

CORPORATE OFFICER VIC

Overall responsibility for all complaince:
Air, Water, Ground, Safety, Haz Mat
Supervise all environmental control systems: Wastewater, air
Review and approve all Plans & Updates
Environmental Policy
Contingency Form R
SWPPP County Sanitat.
SB 14 - Source Reduction
Site Safety Plan Fire Prevention
Hazard Communication
Emergency Action
Daily Inspection Log
Supervise maintenance-daily & Saturday
Control and maintenance of all environmental control systems
Corporate signer/certifications for all environmental reports, manifests,etc
Plan for waste minimization
Overall responsibility for housekeeping
Major Purchases: planning for progress
Oversee installation of new equipment
Maintain Amp Hour Logs
Oversee wetter/Bench1700 additions
Make the daytime addition-Cr 1700
Test hex chrome for surface tension
Oversee all chemical purchases/addition
Be sure duties are covered if absent

ENVIRONMENTAL MANAGER: CAROL

Responsibility for Compliance:
Water, Ground, Safety, Haz Mat
Oversee Housekeeping
Write All Plans and updates
Conduct all required training
Weekly/Monthly Inspection Log
Order waste pickup timely
Inspect & process manifests
File all required reports on time
Pay all environmental fees on time
Keep up all labels -waste & tanks
Off site training where available
Maintain Spill Log
Maintain log of treatment chemicals
Test wastewater daily & record
Oversee anti-chelator additions
Maintain Environmental bulletin board
measurements & monitoring
REPORT PROBLEMS & seek solutions

HOUSEKEEPING TEAM:

Carol McCracken
Abel Sanchez
Simon Arredondo
Tommy Pitchford
Ramona Lopez
Fernando Campos
Erick Lopez
everyone

WW. TREATMENT OPERATOR: ABEL

Daily Inspection
Know and follow all plans & procedures
100% attendance at all training
Off-site training where available
Daily Operations:
Wastewater Treatment
Pumping Solutions
Clean pH probes regularly
Watch automatic pH adjuster
Operate & clean filter press
Operate sludge dryer, raking & turning
Saturday maintenance:
cleanout of clarifier tanks
Make minor repairs as noticed
Test wastewater daily & record
Report problems/seek solutions
Housekeeping in WW area
Maintenance - especially pumps, piping filters, and so on
REPORT ALL PROBLEMS TO VIC OR CAROL
Spill Team
Stormwater Pollution Prevention Team

SPILL TEAM, STORMWATER TEAM:

Edward Foss
Abel Sanchez
Simon Arredondo
Fernando Campos
Erick Lopez

PLANT MANAGER: FERNANDO

Daily Inspection Log
Supervise Daily Operations
Know, follow and help enforce all plans and procedures
Enforce Safety Regulation
Spill Team
Stormwater Pollution Prevention Team
Spanish translation: communication with spanish speaking employees
REPORT ALL PROBLEMS

WW TREATMENT ASSISTANTS: RAMONA, MARTIN, EMILIO

Assist Abel, Vic or Carol where needed
Maintenance projects
Run Filterpress
Check pH meters
Daily testing of wastewater
Maintain anti chelator additions
Make evening addition CR 1700
Housekeeping
REPORT ALL PROBLEMS to Carol, Vic or Abel

MAINTENANCE TEAM

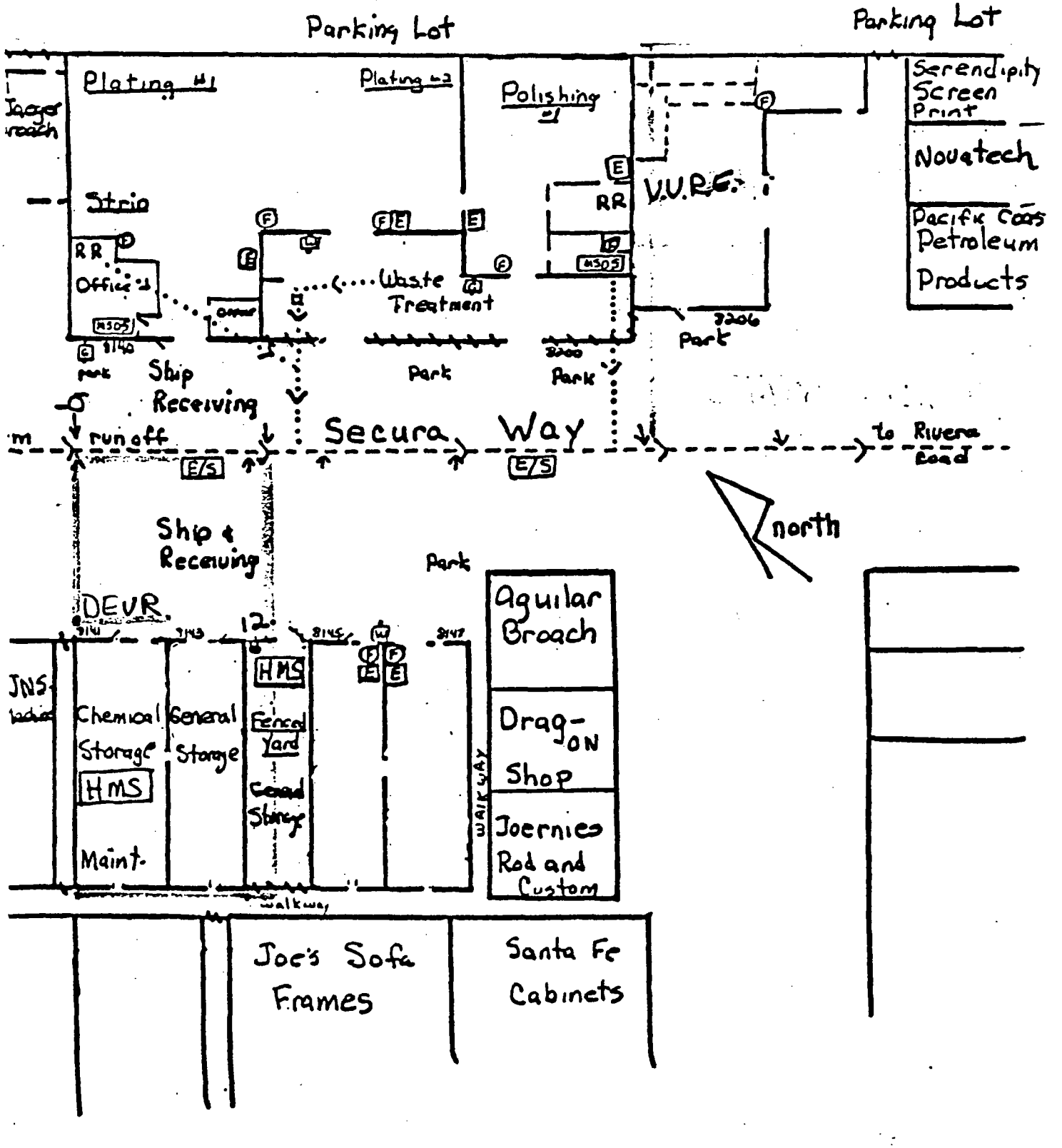
Abel Sanchez
Vic Foss
Tommy Pitchford
Simon Arredondo

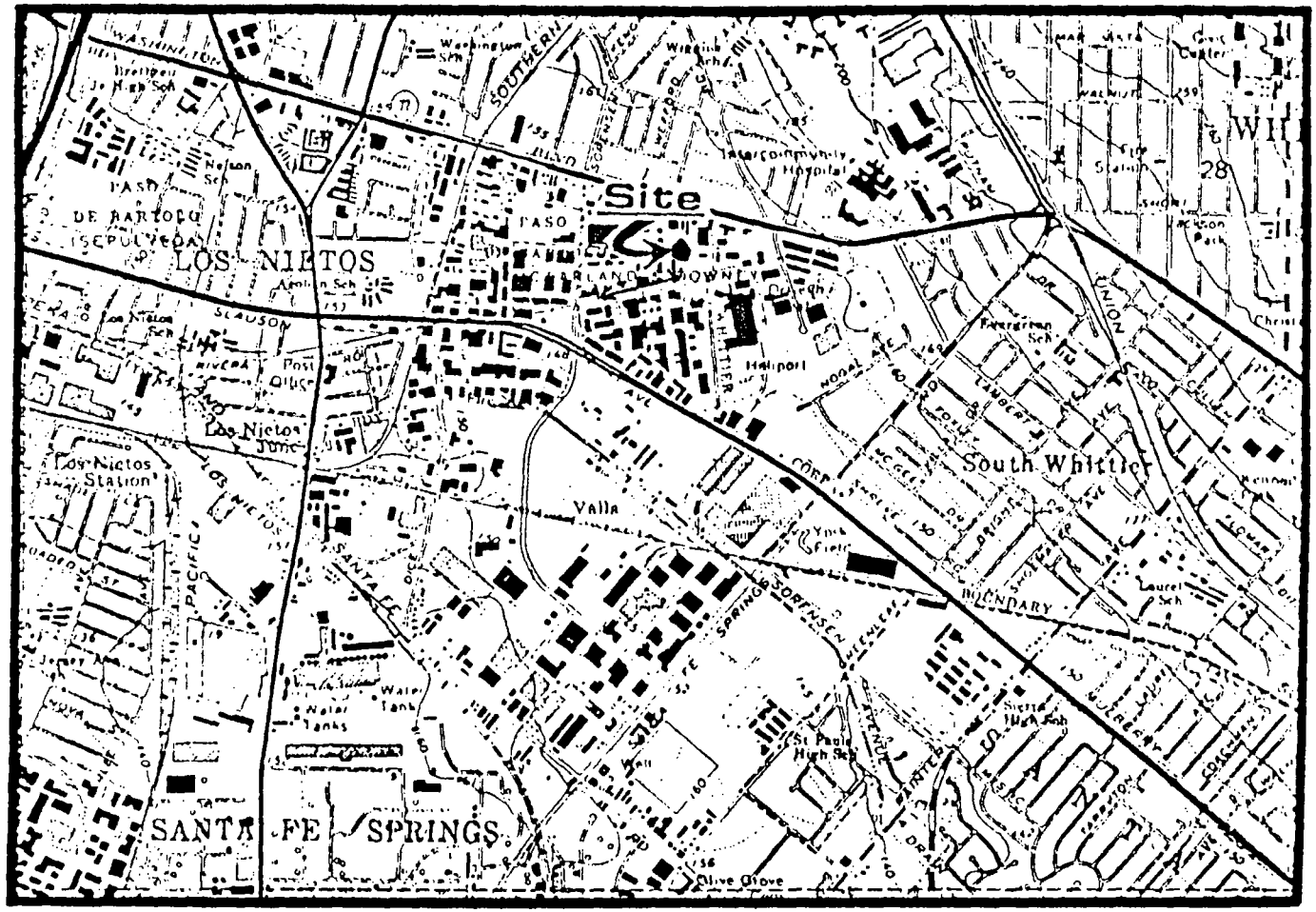
Question R 2

FOSS PLATING CO.
8140 Secura Way
Santa Fe Springs, Ca.

Update 4/02

Question B 1.0
" B 4
D 1
Public D 7
Storage





Basemap from USGS 1965, Whittier Quadrangle, California 7.5 minute series (Topographic) photorevised 1981.

0 .20 .40

Scale: 1 inch = .40

Clayton Environmental Consultants, Inc.	Figure
SITE LOCATION AND TOPOGRAPHY	1
Castillo Co., Inc. Project No. 22419.00	4/89

Clayton Environmental Consultants

Historical Information

question 8 1.d

- City of Santa Fe Springs Planning Department
- Whittier College, Department of Geology (Fairchild Aerial Photography Collection)

Clayton gathered information through interviews with the following local and county agencies and businesses:

- City of Santa Fe Springs Public Works Department
- Los Angeles County Department of Public Works, Hydrogeologic Records Division
- Southern California Edison

In the following sections, Clayton presents the findings of the PEA and our conclusions and recommendations.

2.0 PROPERTY DESCRIPTION

2.1 PRESENT SITE AND ADJACENT CONDITIONS

The Foss Plating Company is located east of the intersection of Secura Way and Rivera Road, at 8140 Secura Way. The subject property is a rectilinear area of approximately 16,000 square feet. The 9,200-square foot facility building is of concrete block construction. Figure 2 shows a general plot plan of the facility.

Onsite operations consist of decorative chrome plating, using nickel and chromium compounds. At the time of the site visit, the facility was in full operation.

The main facility building, located at 8140 Secura Way, houses the company offices and production area. The northwest portion of the building is used as office space. The remainder of the building houses the production area.

Located along the east wall of the building are several large, open-top above-ground rectangular metal tanks that form the process line of the facility. These tanks contain the chemical compounds and rinses into which metals parts are dipped as part of the plating process. The tanks rest on a cement floor and are contained within cement dikes. The dikes are designed to contain any spilled tank contents. Any spilled liquids would flow to small collection sumps located within the diked areas. The sumps are pumped out periodically through the use of a portable vacuum pump and above-ground lines. The sump contents are routed to a clarifier system located on the west side of the facility. Water leaving the clarifier is routed to the sewer system. This outflow stream is monitored daily by Foss Plating and quarterly by the Los Angeles County Sanitation District. The clarifier is emptied on a quarterly basis. Waste collected from the clarifier system is stored in a metal, rectangular above-ground tank located adjacent to the clarifier system. The contents are properly disposed under manifest through a licensed waste disposal service.

In addition to the dikes and clarifier system, a spill containment drain system is also utilized to control potential surface runoff. The drain is located just west of the clarifier system, near the west edge of the site.

The remainder of the main building contains the metal polishing area, located in the south and southeastern parts of the building, and the packing and stripping areas located in the central northern portion of the building. The remainder of the property is occupied by an asphalt parking lot, located on the west side of the facility.

There was no staining noted on the cement floor of the facility, or within the diked area adjacent to the tanks. Additionally, there was no other evidence of past spillage noted within the facility or near the spill containment drain.

There is an elevated wooden walkway located just west of the processing tanks. There was a somewhat thick layer of dust on the walkway; however, it was dry.

With the exception of the small above-ground tanks discussed in Section 3.1, there were no other chemical storage areas noted onsite at 8140 Secura Way during our site inspection.

As stated, the facility is located in an industrialized section of the city. Some of the surrounding businesses include FC Woodworkings, located at 8118 Secura Way; J & S Machine, located at 8119 Secura Way; and AH Fasteners, located at 11987 Rivera Road.

2.2 SITE HISTORY

Foss Plating has been in operation at their present location since 1968. An inspection of records of the Santa Fe Springs Building Department failed to give any indication of prior occupants.

Historical aerial photographs were reviewed to assess past land use of the property and adjacent areas. The Fairchild Aerial Photography Collection, located at Whittier College, provided aerial photographs from 1928, 1937, 1945, 1946, 1947, 1949, 1953, 1955, 1957, and 1959 for our review. None of the photographs reviewed showed evidence of waste disposal or indications of other environmental concerns on the site or adjacent property. In addition, no structures were shown onsite in any of the photographs.

The photographs from 1928 to 1937 show the site to be vacant land containing furrows, indicating cultivation. The surrounding areas appear to have been very similar. No structures are shown in the immediate vicinity of the property.

The photographs from 1945 to 1955 differ from earlier photos only in that areas surrounding the site appear sparsely populated. Structures that appear to be single-family homes are located in the western and northwestern portions of the photographs.

The site is still shown to be vacant, cultivated land in the 1957 and 1959 photographs. Areas surrounding the site appear more heavily populated, predominantly to the west, northwest, and southwest.

2.3 SITE GEOLOGY AND TOPOGRAPHY

The property is located in the northwestern portion of the Peninsular Ranges geomorphic province of southern California. It is situated on the central block of the Los Angeles Basin, a structural syncline (downfold) that is filled primarily with fluvial deposits of silt, sand, and gravel.

The San Gabriel Mountains are located approximately 15 miles north of the property, and the Pacific Ocean lies approximately 15 miles south of the site. Local topographic features include the Puente Hills, which are located approximately 2 miles northeast of the property, and the San Gabriel River, which is located approximately 2 miles to the west.

The facility is located on the floodplain of the San Gabriel River, at an elevation of approximately 154 feet above mean sea level. Regional and local surface drainage patterns trend to the southwest, indicating that surface runoff water from the site should move in a southwesterly direction. A surface runoff collection channel is located along the western edge of the facility. This appears to be the nearest surface runoff water collection structure. This channel routes collected runoff to a small sump located on the west side of the facility. In addition, storm drains are located west of the property, along Secura Way.

The regional groundwater flow direction is southwest toward the Pacific Ocean. The local gradient under the site may be influenced naturally by zones of higher permeability, or

artificially by nearby well pumping or recharge, and may deviate from the regional southwest trend. According to the hydrogeologic records of the Los Angeles County Department of Public Works, depth to first groundwater in the area is approximately 65 feet below ground surface (bgs).

The area is located in a Zone C flood hazard zone as defined by the Federal Emergency Management Agency. According to that agency, this is an area of minimal flooding.

No known faults are shown on available published geologic maps as transecting the site. In addition, the area is not located within a fault-rupture hazard zone as defined by the 1972 Alquist-Priolo Special Studies Zone Act. The facility is located within 2-1/2 miles of the Whittier Fault Zone, which has exhibited recent seismic activity. Therefore, the site could be subjected to strong ground motion during seismic events originating from this fault system.

Section B 1 k
D 1

WORLD RESOURCES COMPANY

Form FM-M01

RECYCLABLE MATERIAL PROFILE — EXHIBIT A

A. Generator Information: Company I.D. Number: W759A

1. Generator: Foss Plating Company, Inc.
2. Address: 8140 Secura Way, Santa Fe Springs, CA 90670
3. Contact: Ms. Carol Foss McCracken
   Title: Environmental Manager
4. Material EPA Waste Code: F006
5. Generator's EPA I.D. Number: CAD008278236
6. Generator's State I.D. Number: HAHQ36007379

B. Recyclable Material Characteristics:

1. Color(s): Green, Grey, Brown, Tan

2. Odor: [X] None [ ] Mild [ ] Strong
   Description of Odor:

3. Moisture: [ ] Wet [ ] Damp [X] Dry
   Percent Solids: 68.80

4. pH (EPA SW 846, Method 9040S045): pH: 8.35

5. Ignitability (40 CFR §261.21): [X] Pass [ ] Fail

6. Texture similar to: [ ] Wet Clay [X] Dry Clay [ ] Sand [ ] Powder [ ] Other

7. Appearance: [X] Homogeneous [ ] Bilayered [ ] Multilayered

8. Organic Vapors: [X] Not Present (<1 ppm) [ ] Present
   If present, identify compounds and amount (ppm wet):
   [X] Pass [ ] Fail

9. Free Liquids (EPA SW 846, Method 9095): Present: [X] No [ ] Yes

10. Debris Present: [X] No [ ] Yes

11. Reactivity: [X] Not Reactive [ ] Reactive

12. Radionuclides (ASTM D5928-96): [X] Not Detected [ ] Detected

13. Cyanide Gas HCN: [X] Not Detected [ ] Detected _____ ppm

C. Analytical Data: (Content on a dry weight basis in ppm or %)

Constituent *		Content	Constituent *		Content
1. Aluminum[1]	Al	2305 ppm	19. Magnesium[2]	Mg	6392 ppm
2. Antimony[1]	Sb	600 ppm	20. Manganese[1]	Mn	669 ppm
3. Arsenic[1]	As	< 53.0 ppm	21. Mercury[3]	Hg	< 7.00 ppm
4. Barium[1]	Ba	1072 ppm	22. Nickel[1]	Ni	132100 ppm
5. Beryllium[1]	Be	< 4.00 ppm	23. Selenium[1]	Se	< 63.0 ppm
6. Bismuth[1]	Bi	126 ppm	24. Silver[1]	Ag	< 7 ppm
7. Cadmium[1]	Cd	< 5.1 ppm	25. Thallium[4]	Tl	< 94.0 ppm
8. Calcium[1]	Ca	25950 ppm	26. Tin[1]	Sn	913 ppm
9. Chloride[7]	Cl^-	4.55 %	27. Zinc[1]	Zn	2668 ppm
10. Chromium, Hexavalent[5]	Cr^{+6}	0 ppm			
11. Chromium, Total[1]	Cr	106600 ppm			
12. Cobalt[1]	Co	30 ppm			
13. Copper[1]	Cu	4343 ppm			
14. Cyanide, Amenable[6]	CN^-	0 ppm			
15. Cyanide, Total[6]	CN^-	16.0 ppm			
16. Fluoride[7]	F^-	0.07 %			
17. Iron[1]	Fe	49770 ppm			
18. Lead[1]	Pb	872 ppm			

*** Analytical Procedure References:**

1 EPA Method SW846 3050 / 6010 (Digestion / Analysis)
2 EPA Method SW846 3050 / 7450 or 6010 (Digestion / Analysis)
3 EPA Method SW846 3050 / Hydride generation (Digestion / Analysis)
4 EPA Method SW846 3050 / 7840 or 6010 (Digestion / Analysis)
5 EPA Method SW846 1311 or 3060 / 7196 (Extraction / Analysis)
6 EPA Method SW846 9010 (Distillation / Analysis)
7 HNO_3 or H_2O_2 / EPA Method SW846 9056 (Digestion / Analysis)

D. Certification:

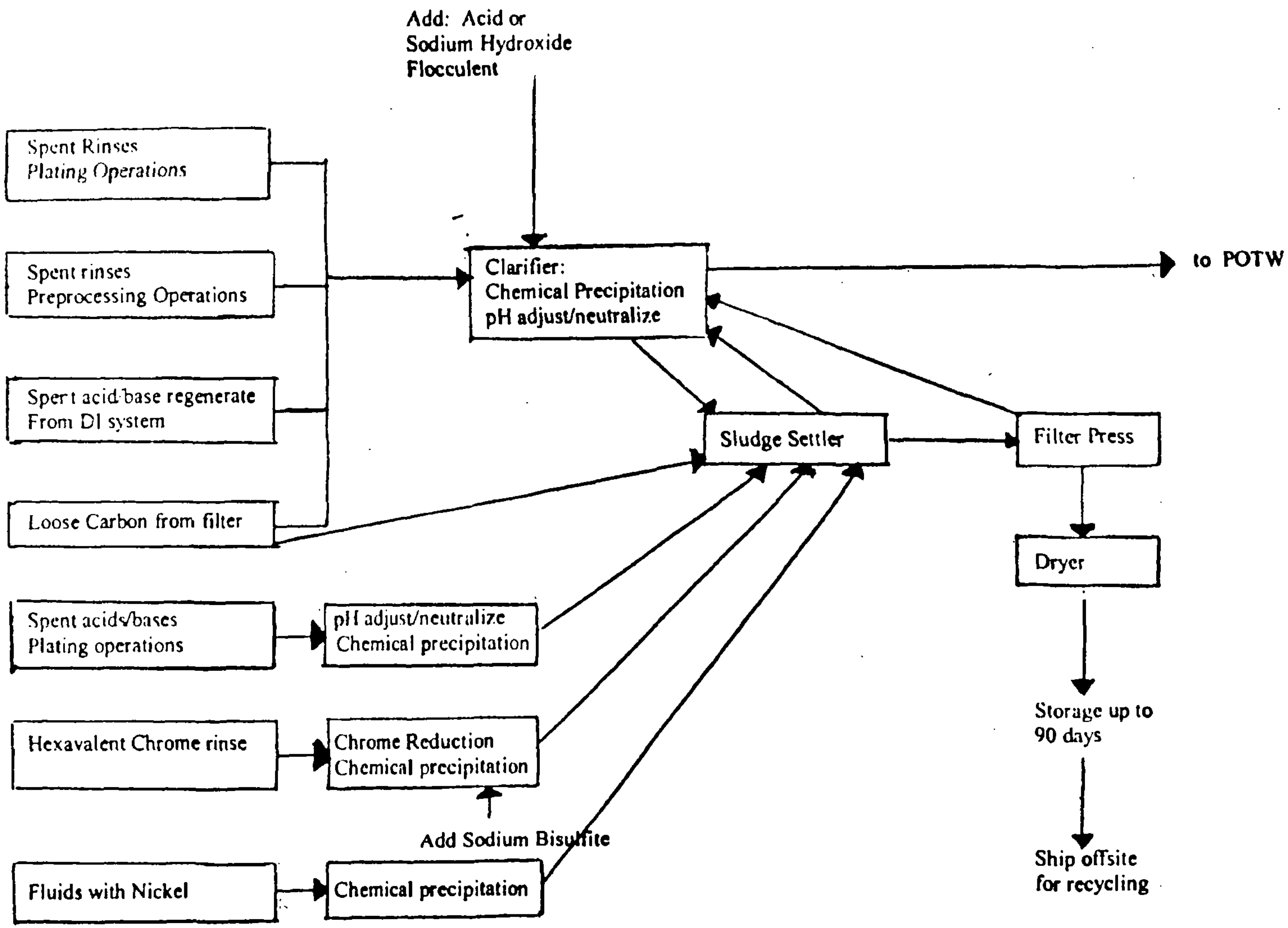
I hereby certify that all information submitted in this profile is complete and accurate to the best of my knowledge and belief.

Signed: _____ Date: 10/26/2001

Title: Laboratory Manager

FOSS PLATING CO
WASTEWATER TREATMENT

Update 12-99

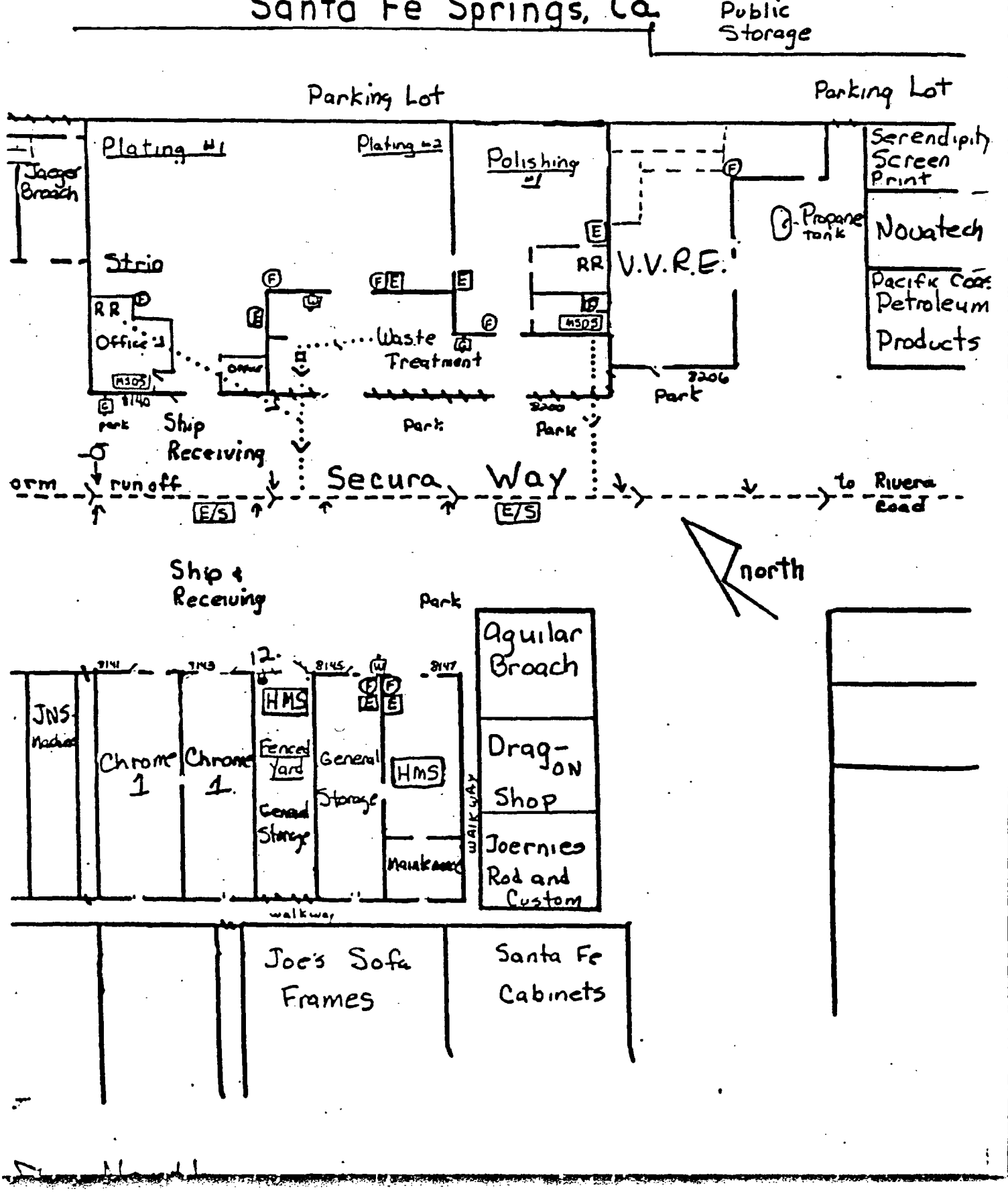


Question D1.

12-12-00

FOSS PLATING CO.

8140 Secura Way
Santa Fe Springs, Ca.



WORLD RESOURCES COMPANY

Form FM-M01

RECYCLABLE MATERIAL PROFILE — EXHIBIT A

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2. Address: 8140 Secura Way, Santa Fe Springs, CA 90670
3. Contact: Ms. Carol Foss McCracken
   Title: Environmental Manager
4. Material EPA Waste Code: F006
5. Generator's EPA I.D. Number: CAD008278236
6. Generator's State I.D. Number: HAHQ35007379

B. Recyclable Material Characteristics:

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2. Odor:
[X] None [ ] Mild [ ] Strong
Description of Odor:

3. Moisture:
[ ] Wet [ ] Damp [X] Dry
Percent Solids: 68.80

4. pH (EPA SW 846, Method 9040/9045)
pH: 8.35

5. Ignitability (40 CFR §251 21)
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6. Texture similar to
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[X] Dry Clay
[ ] Sand
[ ] Powder
[ ] Other

7. Appearance
[X] Homogeneous
[ ] Bilayered
[ ] Multilayered

8. Organic Vapors
[X] Not Present (<1 ppm) [ ] Present
If present, identify compounds and amount (ppm wet):
[X] Pass [ ] Fail

9. Free Liquids (EPA SW 846, Method 9095) Present:
[X] No [ ] Yes

10. Debris Present
[X] No
[ ] Yes

11. Reactivity
[X] Not Reactive
[ ] Reactive

12. Radionuclides (ASTM D5928-96)
[X] Not Detected [ ] Detected

13. Cyanide Gas HCN:
[X] Not Detected
[ ] Detected _____ ppm

C. Analytical Data: (Content on a dry weight basis in ppm or %)

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5 EPA Method SW846 1311 or 3060 / 7196 (Extraction / Analysis)
6 EPA Method SW846 9010 (Distillation / Analysis)
7 HNO_3 or H_2O_2 / EPA Method SW846 9056 (Digestion / Analysis)

D. Certification:

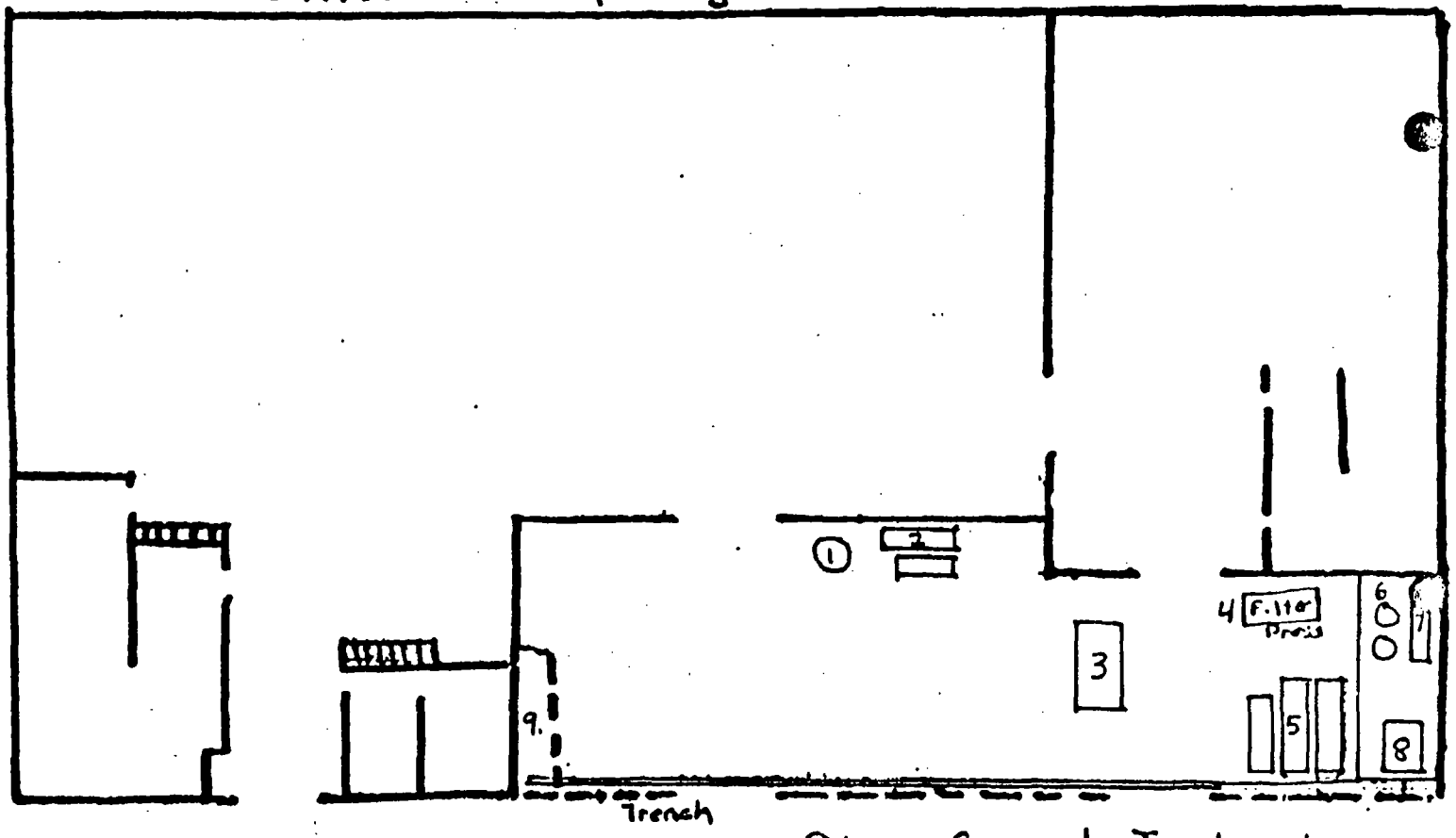
I hereby certify that all information submitted in this profile is complete and accurate to the best of my knowledge and belief.

Signed: _____ Date: 10/26/2001

Title: Laboratory Manager

Above Ground Treatment

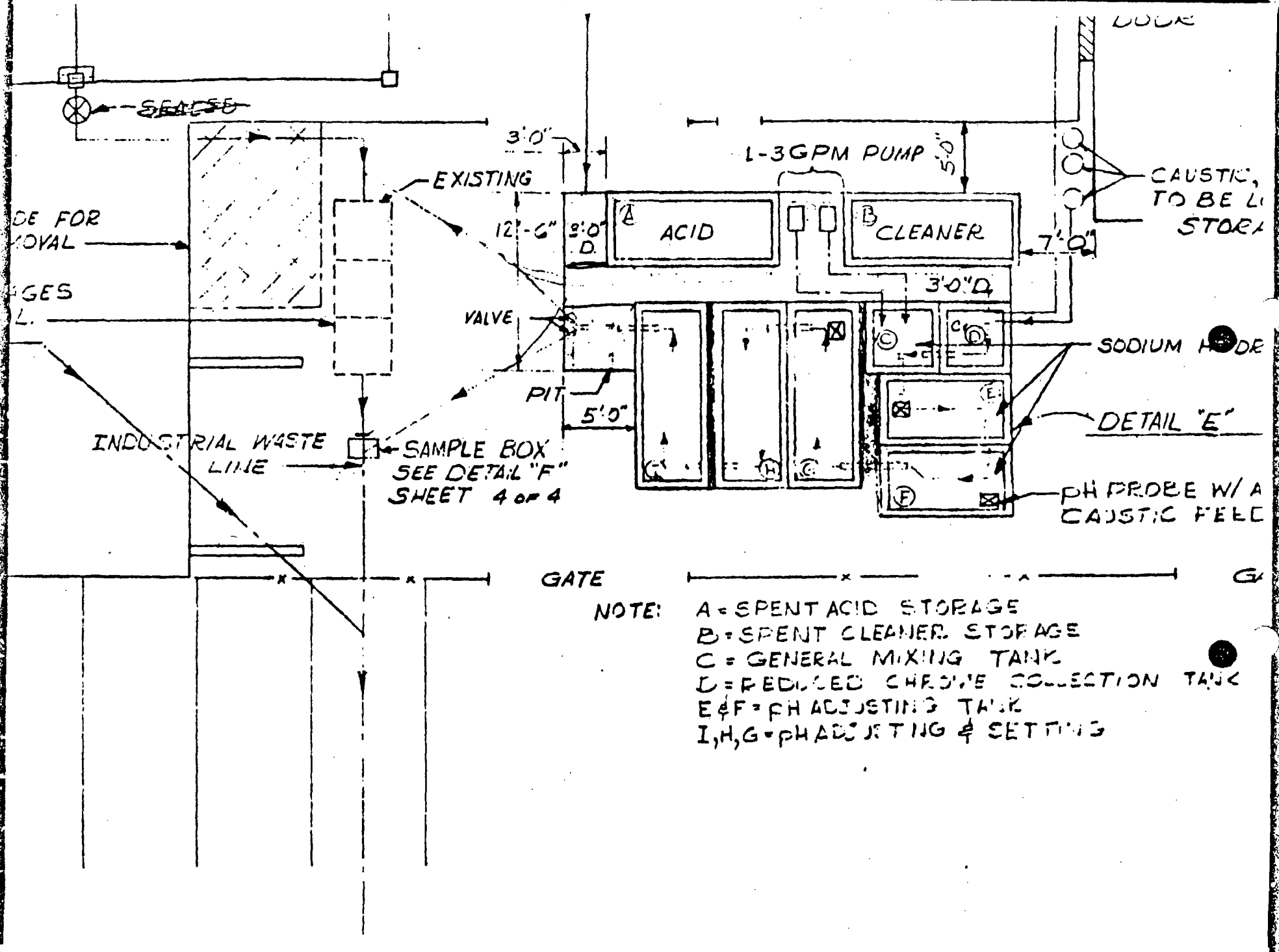
Foss Plating Co
8140 Secura Way
Santa Fe Springs



Above Ground Treatment Tanks

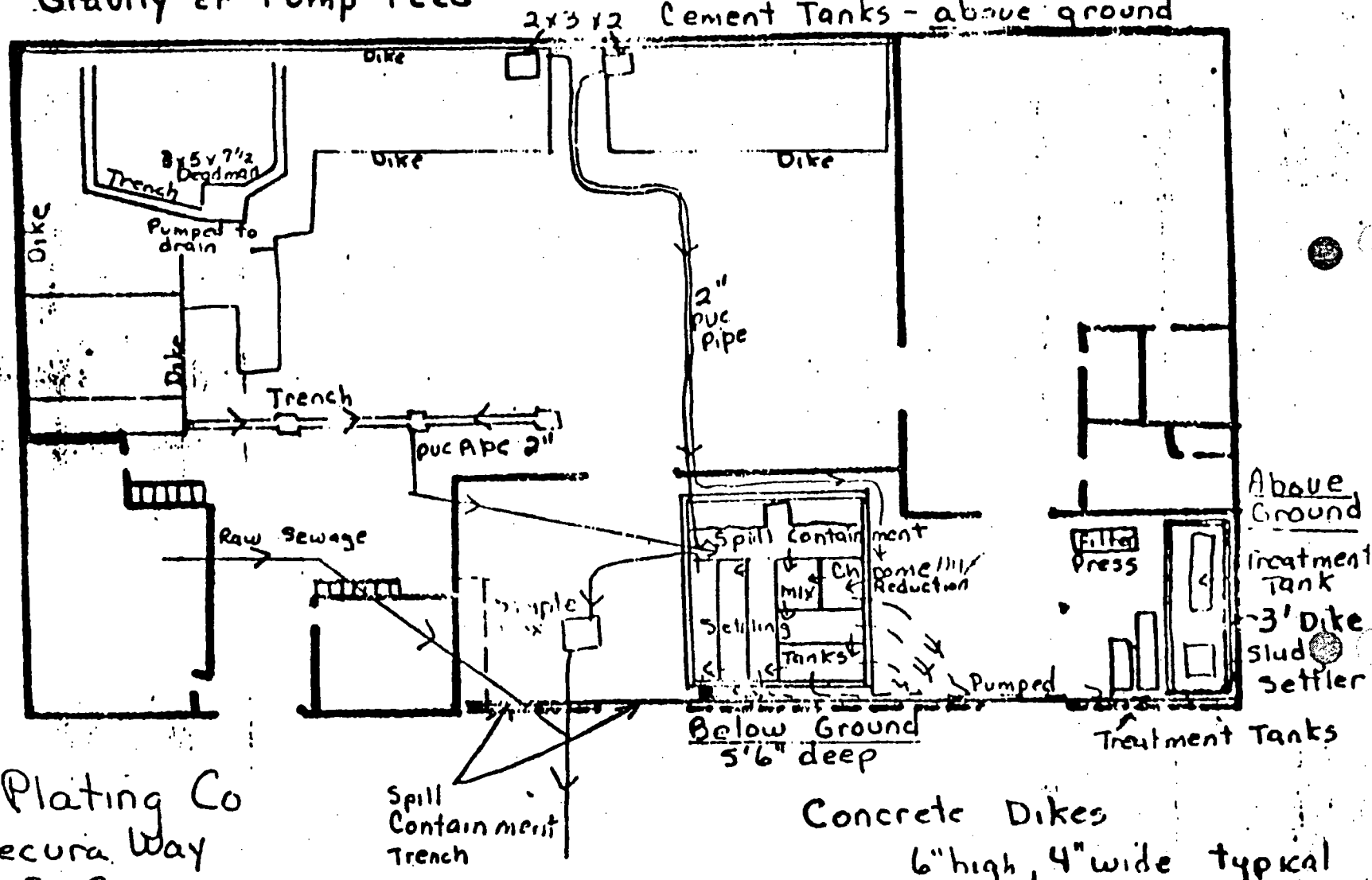
Outside WW Treatment Area

1. Caustic Storage Tank
2. Flocculent Mixing Tank
3. Sludge Dryer
4. Filter Press
5. Outside Storage Tanks
6. Acid Storage
7. Slant Plate Clarifier (not in use)
8. Sludge Settler
9. Boiler


DOOR
SEAL
3'0"
EXISTING
1-3GPM PUMP
5'0"
CAUSTIC,
TO BE L
STORA
DE FOR
OVAL
GES
L.
12'-6"
9'0"
D.
A
ACID
B
CLEANER
7'-0"
3'0"D.
VALVE
C
D
SODIUM H DE
PIT
5'0"
E
DETAIL "E"
INDUSTRIAL WASTE
LINE
SAMPLE BOX
SEE DETAIL "F"
SHEET 4 of 4
F
pH PROBE W/ A
CAUSTIC FEE
GATE
G
NOTE:
A = SPENT ACID STORAGE
B = SPENT CLEANER STORAGE
C = GENERAL MIXING TANK
D = REDUCED CHROME COLLECTION TANK
E & F = pH ADJUSTING TANK
I, H, G = pH ADJUSTING & SETTING

Clarifier (Pass-Thru) System

Gravity or Pump Feed



Foss Plating Co
8140 Secura Way
Santa Fe Springs
March, 1987

Concrete Dikes
6" high, 4" wide typical
Concrete Trench with slope
1' wide 4" to 9" deep
Concrete Pits - 6" walls

FOSS PLATING COMPANY
PLATING LINE
GRAVITY FEED FLOW TO WASTEWATER TREATMENT

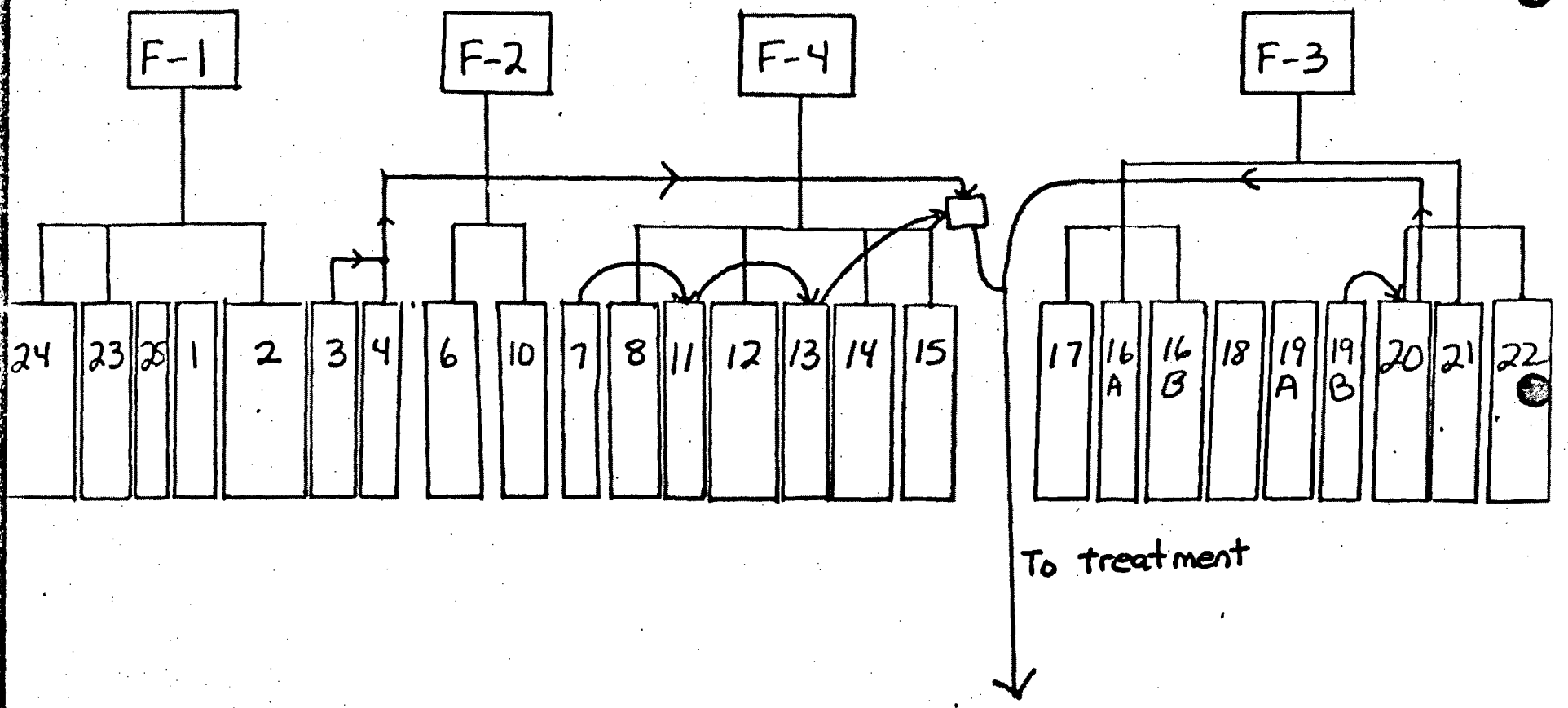
Update 1-00

Nickel &
Nickel Compounds
Formaldehyde
Saccharin

Acids:
Hydrochloric
Sulfuric
Ammonium Hydroxide
Sodium Hydrogen Sulfate

Cleaners:
Sodium Hydroxide

Hexavalent Chrome
Trivalent Chrome &
compounds



Foss Plating Co., Inc
8140 Secura Way
Santa Fe Springs, CA 90670

update 6-02

WASTEWATER TREATMENT AREA
(main building – in front, with fenced yard)

Below ground tanks in use:

Tank No	Made of:	Tank Size & Dimensions	Tank Contents	pH	Tank Elevation
1 & 2	6" cement	up to 900 gal each 6'6"x3'10"x5'6"	Typically hazardous for PH and metals Nickel & chrome	9-10	Below ground
3,4,5,6,7	6" cement	up to 1800 gal each 12'6"x3'10"x5'6"	Typically hazardous for metals	9-10	Below ground

Below ground tanks not in use:
Abandoned three-stage clarifier
(between the boiler and the main building)

	Cement	1300 gal	Abandoned in 1979. Used for water storage in 2000. Project did not work, and was stopped later in 2000.		Below ground

Aboveground tanks

1	Steel, poly lined	up to 1800 gal 10x5x6'3"	Batch treatment tanks. Typically hazardous for PH	1-4 8-12	7"
2	Steel, poly lined	up to 1800 gal 12x4x5'4"	Batch treatment tank Typically hazardous for PH	1-4 8-12	3"
3	Steel	up to 1800 gal 12x4x5'4"	Batch treatment tank Typically hazardous for PH	1-4 8-12	3"
4	Steel	1200 gal 6'x30"x4'8"	Sodium Hydroxide mixing tank	12	6"
5	Steel	800 gal 5'x3'x4'	Flocculent Mixing Tank	7	4"
	Steel	3'x8'x5'	Sludge Drier Filter cake, F006	8.26	0"

Various other tanks, open drums, for overflow, and usually empty

Aboveground Bulk Storage

Name	Made of:	Size	Contents	pH	Tank Elevation
Muriatic Acid	Poly	700 gal 4' diameter	Hydrochloric Acid,31%	1	2'5"
Sulfuric Acid	Poly	200 gal 3' diameter	Sulfuric Acid 50%	1	2'5"
Sodium Hydroxide	Poly	500 gal 4' diameter	Sodium Hydroxide 50%	12	0 Dbl contain tank

Foss Plating Co., Inc
8140 Secura Way
Santa Fe Springs, CA 90670

5-99

BULK ACID STORAGE
(south end of Wastewater Treatment Area)

Tank Number	Tank Name	Tank Size & Dimensions	Tank Contents	pH	Tank Elevation
	Hydrochloric Acid	700 Gal	Hydrochloric Acid 31%	1	2'5"
	Sulfuric Acid	200 gal	Sulfuric Acid 50%	1	2'5"
	Sludge Settler	6'6"x6'6"x8'5"	Wastewater & sludge	7-9	2'3"

Foss Plating Co, Inc
8140 Secura Way
Santa Fe Springs, CA 90670

5-99

BULK TREATMENT TANKS
(located near south end of Wastewater Treatment Area)

Tank Number	Tank Size & Dimensions	Tank Contents	pH	Tank Elevation
1	up to 1800 gal 10x5x6'3"	Batch treatment tank Typically hazardous for pH	1-4 8-12	7"
2	up to 1600 gal 12x4x5'4"	Batch treatment tank Typically hazardous for pH	1-4 8-12	3"
3	up to 1600 gal 12x4x5'4"	Batch treatment tank	1-4	3"

question B 2.a

FOSS PLATING COMPANY update 6-30-02

STRUCTURES, AND SITE HISTORY

All properties were open fields and at times a cow pasture until the construction of the current buildings. All buildings are made of concrete block.

8140 Secura Way: Main building and location of plating lines.

Foss Plating has occupied this building continually since construction of the building in 1967. The building is an estimated 9500 square feet.

8200 Secura Way: Polishing Department since 1979.

This building was purchased by SDL Investments, a related party business, in 1979 and has been leased to Foss Plating Co. since that time. The previous tenant was AH Fasteners. The building was constructed in the mid 1960s, and is an estimated 4,000 square feet.

8141-8143 Secura. Warehouse, Polishing and Hazardous Materials Storage.

This building has been purchased by DEVR, a related party business, in early May, 2002. Foss Plating leases the building from DEVR. Previous uses were by a plumbing contractor, a metal polisher and as a warehouse. The building was constructed around 1960, and the total building is 3,200 square feet, or 1,600 square feet in each half.

OTHER PROPERTY

8206 Secura Way, Future site of Santa Fe Springs Plating

This building was occupied by Foss Plating from May, 1991 until early 1999. It was leased from Harry Lelaian. In early 1999 the building was purchased by VVRE, a related party partnership. Foss Plating vacated the building at that time. One of the partners, Victor Barragan, is preparing to open his own plating shop in this location. This building has an extimated 3,200 square feet.

12005, 12007, and 12009 Rivera Road.

These buildings were purchased as part of the same lot as 8206 Secura and are rented out to other businesses. Each unit is approximately 2,000 square feet. Current tenents are:

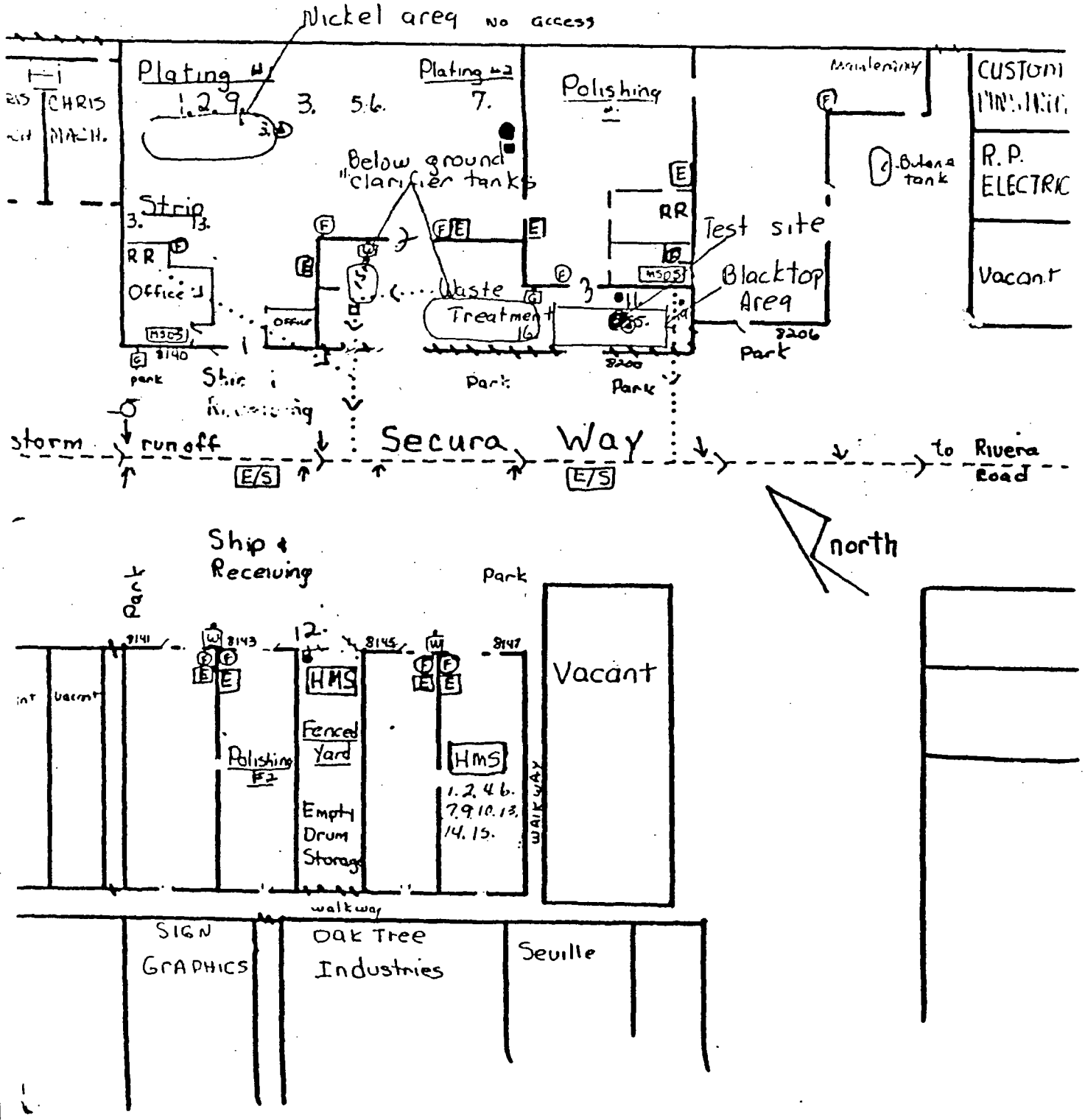
12009 Rivera	Serendipity Screen Printers
12007 Rivera	Novatech, Screen Printers
12005 Rivera	Pacific Coast Petroleum Products

FOSS PLATING CO.

8140 Secura Way
Santa Fe Springs, Ca

May 1991

question B:
Preliminary Testing



WESTERN ANALYTICAL LABORATORIES, INC.

13744 MONTE VISTA AVENUE
CHINO, CALIFORNIA 91710
TELEPHONE: (909) 627-3628
FAX: (909) 627-0491

DATE RECEIVED: 05/19/98 WAL NO.: 98050258
DATE REPORTED: 06/11/98
CUSTOMER: FOSS PLATING CO., INC. UNV
ADDRESS: 8140 Secura Way, Santa Fe Springs, CA 90670
ATTENTION: Victor Foss F620
SAMPLE I.D.: Soil Sample
SAMPLE POINT: Lallmella #1 Sample #2 12" exit #7
SAMPLED BY: Customer
DATE & TIME SAMPLED:

PARAMETER		VALUE	UNIT	DETECTION LIMIT	METHOD
Chromium(total)		28.3	mg/kg	0.1	EPA 6010
Nickel		21.1	mg/kg	0.2	EPA 6010
Chromium(hex)	<	1	mg/kg	1	EPA 7196

* Parameter analyzed using grab sample at end of sampling period.
Lab ID Code = 10145 LACSD Permit # 4352

Joseph P. Zimmer
Laboratory Director

WESTERN ANALYTICAL LABORATORIES, INC.

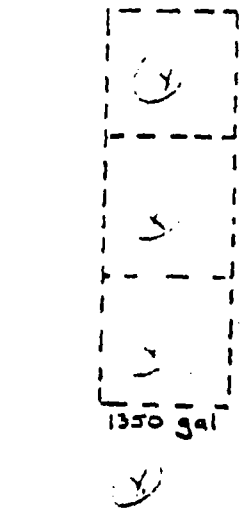
13744 MONTE VISTA AVENUE
CHINO, CALIFORNIA 91710
TELEPHONE: (909) 627-3628
FAX: (909) 627-0491

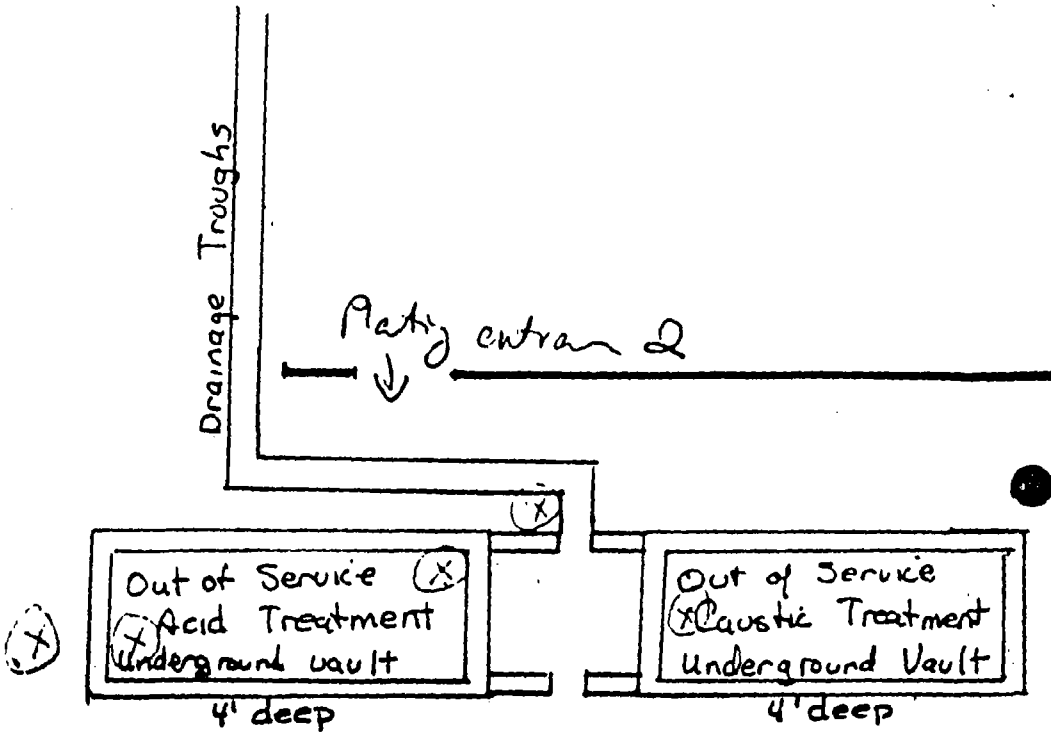
DATE RECEIVED: 05/19/98 WAL NO.: 98050257
DATE REPORTED: 06/11/98
CUSTOMER: FOSS PLATING CO., INC. UNV
ADDRESS: 8140 Secura Way, Santa Fe Springs, CA 90670
ATTENTION: Victor Foss F620
SAMPLE I.D.: Soil Sample
SAMPLE POINT: Lallmella #1 Sample #1 6"
SAMPLED BY: Customer
DATE & TIME SAMPLED:

PARAMETER		VALUE	UNIT	DETECTION LIMIT	METHOD
Chromium(total)		38.8	mg/kg	0.1	EPA 6010
Nickel		58.1	mg/kg	0.2	EPA 6010
Chromium(hex)	<	1	mg/kg	1	EPA 7196

* Parameter analyzed using grab sample at end of sampling period.
Lab ID Code = 10145 LACSD Permit # 4352

Joseph P. Zimmer
Laboratory Director





FOSS PLATING COMPANY INC

OUT-OF-SERVICE CLARIFIER
OUT-OF-SERVICE UNDERGROUND VAULTS

TENTATIVE SAMPLE POINTS
AUGUST, 1998

WESTERN ANALYTICAL LABORATORIES, INC.

13744 MONTE VISTA AVENUE · CHINO CALIFORNIA 91710-5512 · PHONE (909) 627-3628 · FAX (909) 627-0491 · E-MAIL wal@lanwamp.com

DATE RECEIVED: 03/09/99 WAL NO.: 99030113
DATE REPORTED: 04/05/99
CUSTOMER: FOSS PLATING CO., INC. SW20
ADDRESS: 8140 Secura Way, Santa Fe Springs, CA 90670
ATTENTION: Victor Foss F620
SAMPLE I.D.: Soil Sample
SAMPLE POINT: 1st Pit 6"
SAMPLED BY: Customer
DATE & TIME SAMPLED: 03/09/99

PARAMETER		VALUE	UNIT	DETECTION LIMIT	METHOD
pH		9.2			EPA 9040
Chromium(total)		25.4	mg/kg	0.07	EPA 6010
Chromium(hex)	<	0.2	mg/kg	0.2	EPA 7196
Nickel		16.9	mg/kg	0.15	EPA 6010

Joseph P. Zimmer
Laboratory Director

WESTERN ANALYTICAL LABORATORIES, INC.

13744 MONTE VISTA AVENUE - CHINO CALIFORNIA 91710-5512 - PHONE (909) 627-7628 - FAX (909) 627-0491 - E-MAIL wal@[illegible]

DATE RECEIVED: 03/09/99 WAL NO.: 99030113
DATE REPORTED: 04/05/99
CUSTOMER: FOSS PLATING CO., INC. 8010
ADDRESS: 8140 Secura Way, Santa Fe Springs, CA 90670 F620
ATTENTION: Victor Foss
SAMPLE I.D.: Soil Sample
SAMPLE POINT: 1st Pit 6"
SAMPLED BY: Customer
DATE & TIME SAMPLED: 03/09/99

PARAMETER		VALUE	UNIT	DETECTION LIMIT	METHOD
Halogenated Volatile Organics					EPA 8010
Bromodichloromethane	<	1	ug/kg	1	
Bromoform	<	1	ug/kg	1	
Bromomethane	<	1	ug/kg	1	
Carbon tetrachloride	<	1	ug/kg	1	
Chlorobenzene	<	1	ug/kg	1	
Chloroethane	<	1	ug/kg	1	
2-Chloroethylvinyl ether	<	1	ug/kg	1	
Chloroform	<	1	ug/kg	1	
Chloromethane	<	1	ug/kg	1	
Dibromochloromethane	<	1	ug/kg	1	
1,2-Dichlorobenzene	<	1	ug/kg	1	
1,3-Dichlorobenzene	<	1	ug/kg	1	
1,4-Dichlorobenzene	<	1	ug/kg	1	
1,1-Dichloroethane	<	1	ug/kg	1	
1,2-Dichloroethane	<	1	ug/kg	1	
1,1-Dichloroethene	<	1	ug/kg	1	
trans-1,2-Dichloroethene	<	1	ug/kg	1	
1,2-Dichloropropane	<	1	ug/kg	1	
cis-1,3-Dichloropropene	<	1	ug/kg	1	
trans-1,3-Dichloropropene	<	1	ug/kg	1	
Methylene chloride	<	1	ug/kg	1	
1,1,2,2-Tetrachloroethane	<	1	ug/kg	1	
Tetrachloroethene		4	ug/kg	1	
1,1,1-Trichloroethane	<	1	ug/kg	1	
1,1,2-Trichloroethane	<	1	ug/kg	1	
Trichloroethene	<	1	ug/kg	1	
Trichlorofluoromethane	<	1	ug/kg	1	
Vinyl chloride	<	1	ug/kg	1	

Joseph P. Zimmer
Laboratory Director

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13744 MONTE VISTA AVENUE - CHINO, CALIFORNIA 91710-5512 - PHONE (909) 627-3628 - FAX (909) 627-0491 - E-MAIL [illegible]

DATE RECEIVED: 03/09/99 WAL NO.: 99030114
DATE REPORTED: 04/05/99
CUSTOMER: FOSS PLATING CO., INC. SW20
ADDRESS: 8140 Secura Way, Santa Fe Springs, CA 90670
ATTENTION: Victor Foss F620
SAMPLE I.D.: Soil Sample
SAMPLE POINT: 1st Pit 12"
SAMPLED BY: Customer
DATE & TIME SAMPLED: 03/09/99

PARAMETER		VALUE	UNIT	DETECTION LIMIT	METHOD
pH		10.2			EPA 9040
Chromium(total)		24.2	mg/kg	0.07	EPA 6010
Chromium(hex)	<	0.2	mg/kg	0.2	EPA 7196
Nickel		18.7	mg/kg	0.15	EPA 6010

Joseph P. Zimmer
Laboratory Director

WESTERN ANALYTICAL LABORATORIES, INC.

11744 MONTE VISTA AVENUE - CHINO, CALIFORNIA 91710-5112 - PHONE (909) 627-1628 - FAX (909) 627-0491 - E-MAIL wal@[illegible]

DATE RECEIVED: 03/09/99 WAL NO.: 99030114
DATE REPORTED: 04/05/99
CUSTOMER: FOSS PLATING CO., INC. 8010
ADDRESS: 8140 Secura Way, Santa Fe Springs, CA 90670 F620
ATTENTION: Victor Foss
SAMPLE I.D.: Soil Sample
SAMPLE POINT: 1st Pit 12"
SAMPLED BY: Customer
DATE & TIME SAMPLED: 03/09/99

PARAMETER		VALUE	UNIT	DETECTION LIMIT	METHOD
Halogenated Volatile Organics					EPA 8010
Bromodichloromethane	<	1	ug/kg	1	
Bromoform	<	1	ug/kg	1	
Bromomethane	<	1	ug/kg	1	
Carbon tetrachloride	<	1	ug/kg	1	
Chlorobenzene	<	1	ug/kg	1	
Chloroethane	<	1	ug/kg	1	
2-Chloroethylvinyl ether	<	1	ug/kg	1	
Chloroform	<	1	ug/kg	1	
Chloromethane	<	1	ug/kg	1	
Dibromochloromethane	<	1	ug/kg	1	
1,2-Dichlorobenzene	<	1	ug/kg	1	
1,3-Dichlorobenzene	<	1	ug/kg	1	
1,4-Dichlorobenzene	<	1	ug/kg	1	
1,1-Dichloroethane	<	1	ug/kg	1	
1,2-Dichloroethane	<	1	ug/kg	1	
1,1-Dichloroethene	<	1	ug/kg	1	
trans-1,2-Dichloroethene	<	1	ug/kg	1	
1,2-Dichloropropane	<	1	ug/kg	1	
cis-1,3-Dichloropropene	<	1	ug/kg	1	
trans-1,3-Dichloropropene	<	1	ug/kg	1	
Methylene chloride	<	1	ug/kg	1	
1,1,2,2-Tetrachloroethane	<	1	ug/kg	1	
Tetrachloroethene	<	1	ug/kg	1	
1,1,1-Trichloroethane	<	1	ug/kg	1	
1,1,2-Trichloroethane	<	1	ug/kg	1	
Trichloroethene	<	1	ug/kg	1	
Trichlorofluoromethane	<	1	ug/kg	1	
Vinyl chloride	<	1	ug/kg	1	

Joseph P. Zimmer
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13744 MONTE VISTA AVENUE - CHINO CALIFORNIA 91710-5512 - PHONE (909) 627-3628 - FAX (909) 627-0491 - E-MAIL wal@inlandnet.com

DATE RECEIVED: 03/09/99 WAL NO.: 99030115
DATE REPORTED: 04/05/99
CUSTOMER: FOSS PLATING CO., INC. SW20
ADDRESS: 8140 Secura Way, Santa Fe Springs, CA 90670
ATTENTION: Victor Foss F620
SAMPLE I.D.: Soil Sample
SAMPLE POINT: Pit #1 6"
SAMPLED BY: Customer
DATE & TIME SAMPLED: 03/09/99

PARAMETER		VALUE	UNIT	DETECTION LIMIT	METHOD
pH		9.0			EPA 9040
Chromium(total)		76.5	mg/kg	0.07	EPA 6010
Chromium(hex)	<	0.2	mg/kg	0.2	EPA 7196
Nickel		100	mg/kg	0.15	EPA 6010

Joseph P. Zimmer
Laboratory Director

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13744 MONTE VISTA AVENUE - CHINO CALIFORNIA 91710-5512 - PHONE (909) 627-2628 - FAX (909) 627-0491 - E-MAIL wal@deltanet.com

DATE RECEIVED: 03/09/99 WAL NO.: 99030115
DATE REPORTED: 04/05/99
CUSTOMER: FOSS PLATING CO., INC. 8010
ADDRESS: 8140 Secura Way, Santa Fe Springs, CA 90670 F620
ATTENTION: Victor Foss
SAMPLE I.D.: Soil Sample
SAMPLE POINT: Pit #1 6"
SAMPLED BY: Customer
DATE & TIME SAMPLED: 03/09/99

PARAMETER		VALUE	UNIT	DETECTION LIMIT	METHOD
Halogenated Volatile Organics					EPA 8010
Bromodichloromethane	<	1	ug/kg	1	
Bromoform	<	1	ug/kg	1	
Bromomethane	<	1	ug/kg	1	
Carbon tetrachloride	<	1	ug/kg	1	
Chlorobenzene	<	1	ug/kg	1	
Chloroethane	<	1	ug/kg	1	
2-Chloroethylvinyl ether	<	1	ug/kg	1	
Chloroform	<	1	ug/kg	1	
Chloromethane	<	1	ug/kg	1	
Dibromochloromethane	<	1	ug/kg	1	
1,2-Dichlorobenzene	<	1	ug/kg	1	
1,3-Dichlorobenzene	<	1	ug/kg	1	
1,4-Dichlorobenzene	<	1	ug/kg	1	
1,1-Dichloroethane	<	1	ug/kg	1	
1,2-Dichloroethane	<	1	ug/kg	1	
1,1-Dichloroethene	<	1	ug/kg	1	
trans-1,2-Dichloroethene	<	1	ug/kg	1	
1,2-Dichloropropane	<	1	ug/kg	1	
cis-1,3-Dichloropropene	<	1	ug/kg	1	
trans-1,3-Dichloropropene	<	1	ug/kg	1	
Methylene chloride	<	1	ug/kg	1	
1,1,2,2-Tetrachloroethane	<	1	ug/kg	1	
Tetrachloroethene		48	ug/kg	1	
1,1,1-Trichloroethane	<	1	ug/kg	1	
1,1,2-Trichloroethane	<	1	ug/kg	1	
Trichloroethene	<	1	ug/kg	1	
Trichlorofluoromethane	<	1	ug/kg	1	
Vinyl chloride	<	1	ug/kg	1	

Joseph P. Zimmer
Laboratory Director

WESTERN ANALYTICAL LABORATORIES, INC.

13744 MONTE VISTA AVENUE · CHINO CALIFORNIA 91710-5512 · PHONE (909) 627-3628 · FAX (909) 627-0491 · E-MAIL wal@wamp.com

DATE RECEIVED: 03/09/99 WAL NO.: 99030116
DATE REPORTED: 04/05/99
CUSTOMER: FOSS PLATING CO., INC. SW20
ADDRESS: 8140 Secura Way, Santa Fe Springs, CA 90670
ATTENTION: Victor Foss F620
SAMPLE I.D.: Soil Sample
SAMPLE POINT: Pit #1 12"
SAMPLED BY: Customer
DATE & TIME SAMPLED: 03/09/99

PARAMETER		VALUE	UNIT	DETECTION LIMIT	METHOD
pH		8.4			EPA 9040
Chromium(total)		97.3	mg/kg	0.07	EPA 6010
Chromium(hex)	<	0.2	mg/kg	0.2	EPA 7196
Nickel		301	mg/kg	0.15	EPA 6010

Joseph P. Zimmer
Laboratory Director

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11744 MONTE VISTA AVENUE · CHINO, CALIFORNIA 91710-5512 · PHONE (909) 627-3628 · FAX (909) 627-0491 · E-MAIL wal@wawmp.com

DATE RECEIVED: 03/09/99 WAL NO.: 99030116
DATE REPORTED: 04/05/99
CUSTOMER: FOSS PLATING CO., INC. 8010
ADDRESS: 8140 Secura Way, Santa Fe Springs, CA 90670 F620
ATTENTION: Victor Foss
SAMPLE I.D.: Soil Sample
SAMPLE POINT: Pit #1 12"
SAMPLED BY: Customer
DATE & TIME SAMPLED: 03/09/99

PARAMETER		VALUE	UNIT	DETECTION LIMIT	METHOD
Halogenated Volatile Organics					EPA 8010
Bromodichloromethane	<	1	ug/kg	1	
Bromoform	<	1	ug/kg	1	
Bromomethane	<	1	ug/kg	1	
Carbon tetrachloride	<	1	ug/kg	1	
Chlorobenzene	<	1	ug/kg	1	
Chloroethane	<	1	ug/kg	1	
2-Chloroethylvinyl ether	<	1	ug/kg	1	
Chloroform	<	1	ug/kg	1	
Chloromethane	<	1	ug/kg	1	
Dibromochloromethane	<	1	ug/kg	1	
1,2-Dichlorobenzene	<	1	ug/kg	1	
1,3-Dichlorobenzene	<	1	ug/kg	1	
1,4-Dichlorobenzene	<	1	ug/kg	1	
1,1-Dichloroethane	<	1	ug/kg	1	
1,2-Dichloroethane	<	1	ug/kg	1	
1,1-Dichloroethene	<	1	ug/kg	1	
trans-1,2-Dichloroethene	<	1	ug/kg	1	
1,2-Dichloropropane	<	1	ug/kg	1	
cis-1,3-Dichloropropene	<	1	ug/kg	1	
trans-1,3-Dichloropropene	<	1	ug/kg	1	
Methylene chloride	<	1	ug/kg	1	
1,1,2,2-Tetrachloroethane	<	1	ug/kg	1	
Tetrachloroethene		4	ug/kg	1	
1,1,1-Trichloroethane	<	1	ug/kg	1	
1,1,2-Trichloroethane	<	1	ug/kg	1	
Trichloroethene	<	1	ug/kg	1	
Trichlorofluoromethane	<	1	ug/kg	1	
Vinyl chloride	<	1	ug/kg	1	

Joseph P. Zimmer
Laboratory Director

WESTERN ANALYTICAL LABORATORIES, INC.

13744 MONTE VISTA AVENUE · CHINO CALIFORNIA 91710-5512 · PHONE (909) 627-3628 · FAX (909) 627-0491 · E-MAIL [illegible]

DATE RECEIVED: 03/09/99 WAL NO.: 99030117
DATE REPORTED: 04/05/99
CUSTOMER: FOSS PLATING CO., INC. SW20
ADDRESS: 8140 Secura Way, Santa Fe Springs, CA 90670
ATTENTION: Victor Foss F620
SAMPLE I.D.: Soil Sample
SAMPLE POINT: Pit #2 6"
SAMPLED BY: Customer
DATE & TIME SAMPLED: 03/09/99

PARAMETER		VALUE	UNIT	DETECTION LIMIT	METHOD
pH		10.0			EPA 9040
Chromium(total)		26.2	mg/kg	0.07	EPA 6010
Chromium(hex)	<	0.2	mg/kg	0.2	EPA 7196
Nickel		17.3	mg/kg	0.15	EPA 6010

Joseph P. Zimmer
Laboratory Director

WESTERN ANALYTICAL LABORATORIES, INC.

13744 MONTE VISTA AVENUE · CHINO, CALIFORNIA 91710-5512 · PHONE (909) 627-2678 · FAX (909) 627-0491 · E-MAIL wal@[illegible].com

DATE RECEIVED: 03/09/99 WAL NO.: 99030117
DATE REPORTED: 04/05/99
CUSTOMER: FOSS PLATING CO., INC. 8010
ADDRESS: 8140 Secura Way, Santa Fe Springs, CA 90670 F620
ATTENTION: Victor Foss
SAMPLE I.D.: Soil Sample
SAMPLE POINT: Pit #2 6"
SAMPLED BY: Customer
DATE & TIME SAMPLED: 03/09/99

PARAMETER		VALUE	UNIT	DETECTION LIMIT	METHOD
Halogenated Volatile Organics					EPA 8010
Bromodichloromethane	<	1	ug/kg	1	
Bromoform	<	1	ug/kg	1	
Bromomethane	<	1	ug/kg	1	
Carbon tetrachloride	<	1	ug/kg	1	
Chlorobenzene	<	1	ug/kg	1	
Chloroethane	<	1	ug/kg	1	
2-Chloroethylvinyl ether	<	1	ug/kg	1	
Chloroform	<	1	ug/kg	1	
Chloromethane	<	1	ug/kg	1	
Dibromochloromethane	<	1	ug/kg	1	
1,2-Dichlorobenzene	<	1	ug/kg	1	
1,3-Dichlorobenzene	<	1	ug/kg	1	
1,4-Dichlorobenzene	<	1	ug/kg	1	
1,1-Dichloroethane	<	1	ug/kg	1	
1,2-Dichloroethane	<	1	ug/kg	1	
1,1-Dichloroethene	<	1	ug/kg	1	
trans-1,2-Dichloroethene	<	1	ug/kg	1	
1,2-Dichloropropane	<	1	ug/kg	1	
cis-1,3-Dichloropropene	<	1	ug/kg	1	
trans-1,3-Dichloropropene	<	1	ug/kg	1	
Methylene chloride	<	1	ug/kg	1	
1,1,2,2-Tetrachloroethane	<	1	ug/kg	1	
Tetrachloroethene		1	ug/kg	1	
1,1,1-Trichloroethane	<	1	ug/kg	1	
1,1,2-Trichloroethane	<	1	ug/kg	1	
Trichloroethene	<	1	ug/kg	1	
Trichlorofluoromethane	<	1	ug/kg	1	
Vinyl chloride	<	1	ug/kg	1	

Joseph P. Zimmer
Laboratory Director

WESTERN ANALYTICAL LABORATORIES, INC.

13744 MONTE VISTA AVENUE - CHINO, CALIFORNIA 91710-5512 - PHONE (909) 627-3626 - FAX (909) 627-0491 - E-MAIL wal@pcnetmp.com

DATE RECEIVED: 03/09/99 WAL NO.: 99030118
DATE REPORTED: 04/05/99
CUSTOMER: FOSS PLATING CO., INC. SW20
ADDRESS: 8140 Secura Way, Santa Fe Springs, CA 90670
ATTENTION: Victor Foss F620
SAMPLE I.D.: Soil Sample
SAMPLE POINT: Pit #2 12"
SAMPLED BY: Customer
DATE & TIME SAMPLED: 03/09/99

PARAMETER		VALUE	UNIT	DETECTION LIMIT	METHOD
pH		9.9			EPA 9040
Chromium(total)		34.5	mg/kg	0.07	EPA 6010
Chromium(hex)	<	0.2	mg/kg	0.2	EPA 7196
Nickel		34.3	mg/kg	0.15	EPA 6010

Joseph P. Zimmer
Laboratory Director

WESTERN ANALYTICAL LABORATORIES, INC.

13744 MONTE VISTA AVENUE · CHINO, CALIFORNIA 91710-5512 · PHONE (909) 627-3628 · FAX (909) 627-0491 · E-MAIL wal@wawrump.com

DATE RECEIVED: 03/09/99 WAL NO.: 99030118
DATE REPORTED: 04/05/99
CUSTOMER: FOSS PLATING CO., INC. 8010
ADDRESS: 8140 Secura Way, Santa Fe Springs, CA 90670 F620
ATTENTION: Victor Foss
SAMPLE I.D.: Soil Sample
SAMPLE POINT: Pit #2 12"
SAMPLED BY: Customer
DATE & TIME SAMPLED: 03/09/99

PARAMETER		VALUE	UNIT	DETECTION LIMIT	METHOD
Halogenated Volatile Organics					EPA 8010
Bromodichloromethane	<	1	ug/kg	1	
Bromoform	<	1	ug/kg	1	
Bromomethane	<	1	ug/kg	1	
Carbon tetrachloride	<	1	ug/kg	1	
Chlorobenzene	<	1	ug/kg	1	
Chloroethane	<	1	ug/kg	1	
2-Chloroethylvinyl ether	<	1	ug/kg	1	
Chloroform	<	1	ug/kg	1	
Chloromethane	<	1	ug/kg	1	
Dibromochloromethane	<	1	ug/kg	1	
1,2-Dichlorobenzene	<	1	ug/kg	1	
1,3-Dichlorobenzene	<	1	ug/kg	1	
1,4-Dichlorobenzene	<	1	ug/kg	1	
1,1-Dichloroethane	<	1	ug/kg	1	
1,2-Dichloroethane	<	1	ug/kg	1	
1,1-Dichloroethene	<	1	ug/kg	1	
trans-1,2-Dichloroethene	<	1	ug/kg	1	
1,2-Dichloropropane	<	1	ug/kg	1	
cis-1,3-Dichloropropene	<	1	ug/kg	1	
trans-1,3-Dichloropropene	<	1	ug/kg	1	
Methylene chloride	<	1	ug/kg	1	
1,1,2,2-Tetrachloroethane	<	1	ug/kg	1	
Tetrachloroethene		2	ug/kg	1	
1,1,1-Trichloroethane	<	1	ug/kg	1	
1,1,2-Trichloroethane	<	1	ug/kg	1	
Trichloroethene	<	1	ug/kg	1	
Trichlorofluoromethane	<	1	ug/kg	1	
Vinyl chloride	<	1	ug/kg	1	

Joseph P. Zimmer
Laboratory Director